This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

Usage guidelines

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

+ *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.

+ *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.

+ *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.

+ *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

About Google Book Search

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at `http://books.google.com/`

The T-Square Clubs- Twelfth Annual Exhibition

1905 - 1906

Nicholson

Harvard University

Library of the

DEPARTMENT OF
ARCHITECTURE

CUSTOM-HOUSE, NEW YORK CITY—PERSPECTIVE OF REAR

CASS GILBERT, Architect, New York

THE PENNSYLVANIA ACADEMY
OF THE FINE ARTS

T SQUARE CLUB

CATALOGUE OF THE [illegible] ANNUAL
EXHIBITION OF
ARCHITECTURE AND THE ALLIED ARTS

[illegible]

PUBLISHED BY THE
PHILADELPHIA [illegible]

THE PENNSYLVANIA ACADEMY
OF THE FINE ARTS

T SQUARE CLUB

CATALOGUE OF THE TWELFTH ANNUAL
EXHIBITION OF
ARCHITECTURE AND THE ALLIED ARTS

1905-1906

ARTHUR L. NICHOLSON
Editor

PUBLISHED BY THE CLUB
PHILADELPHIA
1905

DEPARTMENT OF ARCHITECTURE
HARVARD UNIVERSITY
36151

SKETCH—SPAIN
L. M. LEISENRING, Lutherville, Md.

PRESS OF
THE McLAUGHLIN BROS. CO., LTD.
12 AND 14 SO. ORIANNA ST.
PHILADELPHIA

TWELFTH ANNUAL EXHIBITION

1905-1906

Galleries of the Pennsylvania Academy of the Fine Arts

Broad and Cherry Streets

Philadelphia

JURY OF SELECTION AND HANGING COMMITTEE

The Exhibition Committee of the T Square Club

WALTER SMEDLEY, *Chairman*
JOHN P. B. SINKLER, *Vice-Chairman*
ARTHUR L. NICHOLSON, *Secretary*
ANDREW J. SAUER, *Treasurer*
A. C. HOWARD
NICOLA D'ASCENZO
E. WAGER-SMITH
PAUL P. CRET
EDGAR V. SEELER

AND

E. L. MASQUERAY	NEW YORK
BENJAMIN W. MORRIS, JR.	NEW YORK
EDWARD W. DONN, JR.	WASHINGTON, D. C.

Advertising Representative, JOHN C. BAKER

ACKNOWLEDGMENTS

THE T SQUARE CLUB HERE RECORDS ITS SENSE OF INDEBTEDNESS TO THOSE ARCHITECTS AND ARTISTS WHO, BY GENEROUS CONTRIBUTIONS OF THEIR WORKS YEAR AFTER YEAR, MAKE POSSIBLE THESE EXHIBITIONS, AND THEREBY LEND THEIR AID TO A POTENT FACTOR IN THE HEALTHY GROWTH OF ARCHITECTURE AS A FINE ART, TO EDGAR V. SEELER FOR THE INTRODUCTION, AND TO THE MANAGEMENT OF THE PENNSYLVANIA ACADEMY OF THE FINE ARTS FOR THEIR COURTESY IN EXTENDING THE USE OF THEIR GALLERIES AND FOR THEIR HEARTY CO-OPERATION IN THE WORK OF PREPARING FOR THE EXHIBITION.

TO THE ADVERTISERS, THE OFFICERS AND THE MEMBERS OF THE T SQUARE CLUB DESIRE TO EXPRESS THEIR APPRECIATION OF THE LIBERAL SUPPORT WHICH HAS GONE FAR TOWARD MAKING THE PUBLICATION OF THE CATALOGUE POSSIBLE.

ANNOUNCEMENT

A NUMBER OF THESE BOOKS ARE RETAINED FOR SALE, AND WILL BE FORWARDED, POST PAID, UPON RECEIPT OF SEVENTY-FIVE CENTS. CATALOGUES OF PREVIOUS YEARS CAN BE OBTAINED BY ADDRESSING THE SECRETARY OF THE CLUB.

ARCHITECTURE
AND
THE ALLIED ARTS

EDGAR V. SEELER

IN last year's publication of the T Square Club, Professor Crèt brought out with clearness, that architectural exhibitions are primarily of value to architects, the general public either taking no interest whatever in them, or if interested, being mystified rather than enlightened. Drawings in geometrical projection are necessarily distorted; in perspective, they are often wilfully tricked into what the author intends to be pleasing.

After a little practical experience the architect comes to suspect that his executed work will contain surprises of which his geometric and mathematically correct perspective drawings have failed entirely to apprise him. A designer clever at rendering, knows how easy it is to impart a sparkle and harmony of color to a drawing of which the composition is without intrinsic merit. Wherefore, it is not difficult to advance a step farther, perhaps nearer the truth, and deduce that architectural exhibitions are more circumscribed in value to the profession to whom their limited appeal is made, than the profession would on first thought concede.

A favorite sentiment of Walter Cope's, of which he was an excellent examplar, was that the architect's prime function is to build. He would have been the last to discourage architectural

exhibitions as useful to the architect, but in extension of his belief, he had no hesitancy in adding that the architect's function is quite apart from the making of exhibition drawings. Such a statement would have come from him with less grace and force, had he himself not been an able draughtsman, capable of reading at sight, the true meaning of drawings.

It is the constant experience of architects under whose direction draughtsmen come, year after year, in many cases after a course in an accepted school of architecture, where they have acquired some fluency of expression, of conventional representation in line, and some understanding of composition, how little sense exists of the fundamental parts of a design which constitute the difference between expression on paper and expression in solid materials. The meaning of reveals, reliefs and soffits; the concealment of parts of a design by other parts which are actually between the observer and the part concealed, although such concealment is not indicated in geometric drawing; the actual—it might almost be said, tactual—size of parts of a design represented proportionately, but very much smaller on paper; the variation between the normal section of a moulded course, a shaft, a dome and its execution with the third dimension added; unity of scale; harmony of color; and many other items which with those mentioned, might be considered by some persons unimportant details, but which in reality must become alphabetic in the architect's development, before excellence of design is possible, are the result of experience which can only be acquired from building one's own designs.

As the ultimate and permanent expression of the architect is the building, Mr. Cope's insistence that the architect's function is to build, might

be challenged as too self-evident to require notice. Nevertheless, how many architects, yes, of experience, find themselves capable of rectifying a full-size drawing of so simple a thing as a band course, after it has been made experimentally in plaster? What is the feeling of insufficiency when

a capital or a mass of applied ornament is to be criticised? How many architects coming directly from the careful examination of a building can express in feet and inches, or by a distance on a rod, or the circle of the arms, or by a sketch of relative proportions, any part of the building which they have just examined? It is humiliating to think in comparison, of the deep pleasure experienced by the old and blind Michael Angelo, in passing his hands over the mutilated torso of the Apollo Belvidere.

The inference, therefore, is that the architect—and by architect, let it be understood, since we are talking of exhibitions where the artistic side of the profession is in the foreground, to the subordination, not exclusion of the practical, constructive side—must understand that his work can only be partly executed in the office. He must follow his work through the shops, he must work with the modeler, the stone cutter, the terra cotta manufacturer, the maker of cast and wrought iron work—with the workmen himself in whatsoever medium of architectural expression he has chosen. It is one of the most encouraging signs of the artistic advancement of our times, that every workman into whose province is interjected the leaven of artistic possibility, who feels that what he does is in conformity to a general well-ordered design, welcomes efficient help from the architect; or if it may not be efficient, at least honest and purposeful.

The arts allied to architecture constitute the architect's palette; they furnish the whole gamut of light and shade, color and texture. They are the live lesson of scale, strength, adaptability of materials. This intimate relationship justifies them to a place in architectural exhibitions.

In this elevation to notice, a danger arises from the closeness to which

the workers in the allied arts approach the commercialism of business, but the danger can be controlled in large measure by the judgment of those in charge of the exhibitions. There is also opportunity for the partial injustice whereby a manufacturing firm may reap the entire credit due to an

individual designer in its employ; but this is no greater than that an architectural firm composed of men whose qualifications are businesslike methods rather than artistic production, should reap the advantage resulting from the ability of one of its employees. The individual craftsman, designer, draughtsman, should be recognized in every case.

The foremost thought of the present day is co-operation. In no sphere of activity is interdependence more necessary and co-operation more desirable than in the practice of architecture. This applies to the constructive and mechanical sides as well as to the artistic, but its specially appropriate phase at this time is best limited to the novelty of the T-Square Club's exhibition for the current year—the inclusion of the Allied Arts. The effort of the exhibition will be amply repaid if it shall help to impress upon the architect with renewed force, that his ultimate and permanent function is to build.

PHI KAPPA PSI FRATERNITY HOUSE, UNIVERSITY OF PENNSYLVANIA
DETAIL OF FRIEZE
LIVINGSTON SMITH, New York City

CHRISTIAN GEORGE SPOERL

THE T SQUARE CLUB

OFFICERS, 1905-1906

President
WALTER SMEDLEY

Vice-President
JOHN P. B. SINKLER

Secretary
ARTHUR L. NICHOLSON
904 Stephen Girard Building

Cor. Sec'y
A. C. HOWARD

Treasurer
ANDREW J. SAUER

Asst. Treasurer
C. EDGAR COPE

Executive Committee

WALTER SMEDLEY
JOHN P. B. SINKLER
ANDREW J. SAUER
NICOLA D'ASCENZO
E. WAGER-SMITH
A. C. HOWARD
ARTHUR L. NICHOLSON, *Secretary*

Membership Committee

JOHN S. SCHWACKE, *Chairman*
1012 Walnut Street, Philadelphia

W. W. POTTER
H. HANLEY PARKER
W. O. RAIGUEL
JOHN MOLITER

House Committee

NICOLA D'ASCENZO, *Chairman*
36 South Sixteenth Street, Philadelphia

W. O. RAIGUEL
E. H. YARDLEY

Library Committee

VIRGIL L. JOHNSON, *Chairman*
1624 Walnut Street, Philadelphia

M. EDMUNDS DUNLAP
C. EDGAR COPE

Entertainment Committee

W. W. SHARPLEY *Chairman*
2635 North Thirtieth Street, Philadelphia

WALTER H. THOMAS
E. H. YARDLEY

Club House at 1204 Lyndael Alley

THE T SQUARE CLUB

MEMBERSHIP

BAUGH, DANIEL,	Sixteenth and Locust Streets	
COATES, EDWARD HORNER,	Pennsylvania Academy of Fine Arts	
ELY, THEODORE N.,	Broad Street Station	
HARRISON, CHARLES CUSTIS,	400 Chestnut Street	
MILLER, LESLIE W.,	School of Industrial Art	

LIFE

KENNEDY, R. G.,	931 Chestnut Street	1883

ACTIVE

*ABELE, JULIAN F.,	Bonner's Ferry, Idaho	1888
ADAMS, ALEXANDER M.,	1012 Walnut Street	1904
*ANDERSON, WALTER B.,	109 Vinton St., Providence, R. I.	1899
*ASH, PERCY,	1620 Riggs Pl., Washington, D. C.	1888
BAILY, WILLIAM L.,	421 Chestnut Street	1886
BASSETT, GEORGE G.,	421 Chestnut Street	1892
BAUER, CHARLES H.,	320 Walnut Street	1904
*BAUM, GEORGE CROLL,	Farmers' National Bank, Pittsburgh, Pa.	1897
BEHR, ARTHUR	418 Walnut Street	1905
*BETELLE, J. OSCAR,	79 Wall Street, New York	1898
*BISHOP, ARTHUR C.,	507 West 140th Street, New York	
*BISHOP, THOMAS,	Supervising Architect's Office, Treas. Dept., Washington, D. C.	1893
BISSEGGER, JOHN J.,	1624 Walnut Street	1889

BISSELL, E. P.,	908 Bailey Building	1893
BISWANGER, C. THEODORE,	2212 N. Franklin Street	1903
*BLAIR, WALTER D.,	569 Fifth Avenue, New York, N. Y.	1898
BLITHE, WESLEY LESHER,	101 N. Thirty-fifth Street	1898
BODINE, FRANK LEE,	3459 Walnut Street	1897
BORIE, CHARLES L., JR.,	251 S. Fourth Street	1905
BOWER, ALEXANDER,	1004 Walnut Street	1904
BOYD, DAVID KNICKERBACKER,	Harrison Building	1891
BOYD, LAWRENCE VISSCHER,	1215 Harrison Building,	1891
*BOYLE, JOHN J.,	251 W. Fifty-first Street, New York	1895
BRAZER, CLARENCE WILSON,	1710 Real Est. Tr. Building	1901
BROCKIE, ARTHUR H.,	328 Chestnut Street	1894
BURRELL, HORACE H.,	18 E. Walnut Lane, Germantown	1893
CALDWELL, FRANCIS G.,	1218 Chestnut Street	1889
*CALVERT, LOUIS LAY,	9 W. 19th Street, New York City	1891
CHURCHMAN, C. WHARTON,	532 Walnut Street	1900
CLARK, LAWRENCE,	252 High Street, Germantown	1905
CLEMENTS, S. O.,	27 N. 34th Street	1905
CLOUD, S. ALBERT,	504 Parker Street, Chester, Pa.	1894
COOK, J. HORACE,	742 City Hall	1895
COOPER, COLIN CAMPBELL,	Art Club	1897
COPE, C. EDGAR,	1208 Chestnut Street	1904
COPE, JOHN S.,	Aubury, Germantown	1893
CRANE, E. A.,	1012 Walnut Street	1904
*CRAWFORD, E. STETSON,	939 Eighth Ave., New York City	1901
*CRESSON, WILLIAM PENN,	1517 H Street, Washington, D. C.	1896
CRET, PAUL P.,	3904 Locust Street	1903
DALES, E. LEWIS,	1819 North Park Avenue	1904
D'ASCENZO, NICOLA,	36 South Sixteenth Street	1896
DAWSON, GEORGE W.,	3903 Sansom Street	1900
DAY, FRANK MILES,	925 Chestnut Street	1886
DAY, H. KENT,	925 Chestnut Street	1897
*DE GARMO, WALTER C.,	Miami, Florida	1900
DE MOLL, CARL,	1112 Chestnut Street	1893
DUHRING, HERMAN L., JR.,	1418 South Penn Square	1893
DULL, JOHN J.,	1007 Witherspoon Building	1884
DUNLAP, M. EDMUNDS,	152 Queen Lane, Falls of Schuylkill	1902

EDMUNDS, FRANKLIN D.,	808 North Broad Street	1901
EDWARDS, WILLIAM M.,	620 South Washington Square	1895
ERSKINE, RICHARD,	807 Bailey Building	1900
EVANS, G. GERALD,	1420 Chestnut Street	1891
EYRE, WILSON,	929 Chestnut Street	1883
FARLEY, F. DESALES,	1726 South Eighteenth Street	1903
*FARNAM, DANIEL H.,	1430 Schofield Bldg., Cleveland, O.	1900
*FARRADY, THOMAS P.,	336 95th Street, New York City	1900
*FENHAGEN, GEORGE C.,	72 W. Washington Place, New York	1904
FENTON, WARDEN H.,	1624 Walnut Street	1901
*FEUSTMANN, MAURICE M.,	1512 Girard Avenue	1894
*FIELD, RICHARD L.,	Cave Creek, Arizona	1892
*FISHER, CLARENCE S.,	Rutledge, Delaware Co., Pa.	1897
FRANK, J. HORACE,	119 Springfield Avenue, Chestnut Hill, Pa.	1897
FURBER, WM. COPELAND,	Commercial Union Building	1897
GALLOWAY, WALTER B.,	3817 Walnut Street	1904
GARDNER, CLARENCE,	925 Chestnut Street	1901
*GEILS, AUGUST E.,	171 Winfield Ave., Jersey City, N.J.	1896
GILBERT, EDWIN,	1018 Land Title Building	1893
*GITHENS, ALFRED MORTON,	66 Broadway, New York	1895
GLOSSOP, W. E.,	2861 Kensington Avenue	1904
GRANCELL, W. EARL,	1522 Girard Avenue	1904
GRAY, WILLIAM F.,	Central High School	1891
*GROBEN, WILLIAM EDWARD	119 W. Sharpnack St., Germantown	1904
GUIBERT, PAUL A.,	3314 Walnut Street	1904
*HARRIS, CLINTON GARDNER,	3 E. Thirty-third Street, New York	1894
HARRIS, JAMES R., JR.,	Art Club	1896
HASTINGS, T. MITCHELL,	328 Chestnut Street	1900
*HAUER, HARVEY T.,	Eighth and Cumberland Streets Lebanon, Pa.	1893
*HAWLEY, E. H.,	145 W. 138th Street, New York City	1896
*HAYS, HENRY B.,	35 Wall Street, New York	1900
*HAYS, WILLIAM CHARLES,	456 Montgomery Street San Francisco, Cal.	1893
HEATON, ROSS B.,	526 Benoni St., Fairmount, W. Va.	1904

HENDRICKSON, EDWARD E.,	925 Chestnut Street	1885
*HIBBS, HENRY C.,	33 E. 17th Street, New York	1904
HICKMAN, LOUIS C.,	328 Chestnut Street	1883
HILL, I. EDGAR,	Real Estate Trust Building	1897
*HILL, MIDGLEY W.,	808 W. Carrollton Ave., Baltimore, Md.	1901
HINDERMEYER, GILBERT L.	88 W. Washington Lane, Germantown	1894
*HOOVER, IRA W.,	456 Montgomery Street San Francisco, Cal.	1899
HOWARD, A. C.,	904 Stephen Girard Building	1905
HOWELL, CARL E.	U. of Penna. Dormitories	1904
IDELL, GEORGE S.,	1117 Harrison Building	1904
JAMIESON, JAMES P.,	320 Walnut Street	1898
JOHNSON, VIRGIL L.,	1624 Walnut Street	1901
JUDELL, WALTER W.,	320 Walnut Street	1901
*KARCHER, JAMES B.,	Paris	1904
*KARCHER, WALTER T.,	Paris	1904
KEEN, CHAS. BARTON,	1008 Bailey Building	1903
KEISKER, FRANK H.,	614 Perry Building	1899
KELLOGG, THOMAS M.,	1012 Walnut Street	1893
KELSEY, ALBERT,	931 Chestnut Street	1891
*KENNEDY, JAMES N.,	Hotel Lincoln, Wellston, O.	1894
*KENT, EDWARD C.,	188 S. Grand Ave., Pasadena, Cal.	1889
KETTERER, GUSTAV,	1417 Chestnut Street	1896
KING, GUY,	1513 Walnut Street	1886
KIRK, CHESTER H.,	906 Harrison Building	1902
KLAUDER, CHAS. Z.,	925 Chestnut Street	1891
KLEINFELDER, HERMAN E.,	1001 Provident Building	1905
LACEY, ADIN B.,	1012 Walnut Street	1888
*LADD, WESTRAY,	Drexel Road, Overbrook	1891
LAIRD, WARREN P.,	University of Pennsylvania	1891
LEE, CHARLES R.,	Harrison Building	1890
*LEISENRING, L. MORRIS,	London, England	1899
*LONG, BIRCH BURDETTE,	5 E. 42d Street, New York	1905

MAGAZINER, LOUIS,	908 Franklin Street	1899
*MANN, FREDERICK M.,	Washington Univ., St. Louis, Mo.	1895
MAURER, HARRY,	1130 Spruce Street	1904
MCCLAY, DAVID L.,	2623 Kensington Avenue	1905
*MCGOODWIN, HENRY K.,	Washington Univ., St. Louis, Mo.	1903
*MCGOWAN, JOHN C.,	160 Fifth Avenue, New York	1900
MEDARY, MILTON B., JR.,	1414 South Penn Square	1891
MILES, JOSEPH S.,	129 Gay Street, Manayunk	1896
*MILLARD, JULIAN,	518 Penn Street, Camden, N. J.	1891
*MILLER, WILLIAM FRANKLIN,	709 Baer Building, Reading, Pa.	1899
MOLITOR, JOHN,	320 Walnut Street	1893
MORRIS, GEORGE SPENCER,	515 Stephen Girard Building	1890
MORSE, HENRY G., JR.,	603 Drexel Building	1901
MOSES, ARNOLD H.,	136 South Fourth Street	1883
NEFF, CONRAD P.,	1220 Oxford Street	1897
NICHOLSON, ARTHUR L.,	904 Stephen Girard Building	1894
NOLAN, THOMAS,	Department of Architecture, Univ., of Penna.	1894
OELSCHLAGER, CHAS. E.,	1009 Harrison Building	1895
OSBORNE, C. FRANCIS,	4315 Sansom Street	1897
PAGE, GEORGE BISPHAM,	1117 Harrison Building	1891
PARKER, H. HANLEY,	1803 N. Park Avenue	1904
PARRY, J. CHARLES,	906 Commonwealth Building	1893
*PERKINS, FRANK E.,	122 E. 23d Street, N. Y. City	1891
PERROT, EMILE G.,	1200 Chestnut Street	1897
PETRY, VICTOR J.,	1315 Walnut Street	1900
*PHILLIPS, J. H.,	5 E. 42d Street, New York	1905
*PILCHER, LOUIS F.,	32 E. 28th Street, New York City	1895
POGGI, EDMUND H.,	3029 Chestnut Street	1901
POTTER, WM. WOODBURN,	1012 Walnut Street	1898
PRICE, WALTER F.,	731 Walnut Street	1892
PRICE, WM. L.,	1624 Walnut Street	1883
RAIGUEL, WILLIAM O.,	1009 Bailey Building	1901
RANKIN, JOHN HALL,	1012 Walnut Street	1896
REHFUSS, GEORGE U.,	1524 Chestnut Street	1894
REINHOLD, HENRY L., JR.,	1004 Chestnut Street	1895

Remington, Clement,	City Hall	1903
Richards, H. De Courcey,	907 Walnut Street	1901
Ring, Jonathan,	430 W. Bringhurst Street, G'mt'n	1905
*Robb, E. Donald,	170 Fifth Avenue, New York City	1901
Roberts, Spencer,	1524 Chestnut Street	1893
Robinson, A. Russell,	3116 Juliet St., Pittsburgh, Pa.	1900
Rogers, Laussat Richter,	1120 Chestnut Street	1898
*Ruhe, Wallace E.,	12 N. Sixth Street, Allentown, Pa.	1899
Sauer, Andrew J.,	1208 Chestnut Street	1899
Savery, Albert H.,	1326 Stephen Girard Building	1905
Savery, Addison H.,	1326 Stephen Girard Building,	1905
Scheffer, Morris,	512 Swede Street, Norristown, Pa.	1901
Schenck, Albert F.,	500 North Thirty-fourth Street	1901
Schermerhorn, Clarence E.,	430 Walnut Street	1891
*Schuchardt, Wm. H.,	716 Goldsmith Building, Milwaukee, Wis.	1903
Schwacke, John Strubing,	1012 Walnut Street	1894
Schwebel, Edward J.,	2026 Broadway, Camden, N. J.	1904
Schweiker Charles C.,	1727 North Seventeenth Street	1904
Seeburger, Frank,	1408 Land Title Building	1896
Seeler, Edgar V.,	1710 Real Estate Trust Building	1893
Sharpley, William W.,	2635 North Thirtieth Street	1904
*Siegel, P. Raymond,	33 E. Seventeenth St., New York	1898
Sinkler, John P. B.,	908 Bailey Building	1898
Smedley, Walter,	904 Stephen Girard Building	1888
Smith, Harvey Newcomb,	2110 N. Twentieth Street	1905
Smith, Oscar L.,	5025 Willows Avenue	1896
Spoerl, Christian G.,	320 Walnut Street	1903
Stearns, G. R.,	1105 Stephen Girard Building	1891
Stewardson, Emlen L.,	320 Walnut Street	1896
Stuckert, F. Russell,	1421 Chestnut Street	1897
*Swales, Francis S.,	New Elks Building, Detroit, Mich.	1896
*Swindells, Edward James,	218 W. Fayette St., Baltimore, Md.	1895
Temple, Thomas B.,	328 Chestnut Street	1900
Thomas, J. D.,	1501 Commonwealth Building	1903
Thomas, Walter H.,	532 Walnut Street	1899
Tourison, Bart.,	32 E. Sedgwick Street	1905
Trout, Wetherill P.,	328 Chestnut Street	1894

TRUMBAUER, HORACE,	Land Title Building	1883
TRUSCOTT, ARTHUR,	Drexel Institute	1883
VAUX, WM. S.,	807 Bailey Building	1900
WAGER-SMITH, E.,	1026 Ridge Avenue	1897
WARD, ALFRED LEWIS,	1933 Chestnut Street	1903
WARD, HENRY B.,	1900 Chestnut Street	1901
*WATMOUGH, RICHARD L.,	601 Vilsack Building, Pittsburgh, Pa.	1895
WEAVER, RUDOLPH,	324 Vine Street, Johnstown, Pa.	1904
WETHERILL, HERBERT J.,	Brown Bros. Building	1900
WIGHTMAN, EDGAR A.,	1513 Walnut Street	1893
*WILLAUER, ARTHUR E.,	33 E. Seventeenth St., N. Y. City	1896
*WILLING, JAMES EDGAR,	79 Wall Street, New York City	1901
WINDRIM, JOHN T.,	1107 Walnut Street	1891
*WISE, HERBERT C.,	85 Water Street, Boston, Mass.	1896
WOOD, HENRY D.,	3330 North Sixteenth Street	1903
YARDLEY, E. H.,	251 South Fourth Street	1904
*YEAMANS, GEORGE W., JR.,	Bethlehem, Penna.	1902
YOCOM, STANLEY	1130 Spruce Street	1904
ZANTZINGER, CLARENCE C.	251 South Fourth Street	1902

* Non-resident Members.

DECEASED MEMBERS

AMOS J. BOYDEN
ARTHUR SPAYD BROOKE
ARTHUR COCHRAN
WALTER COPE
SAMUEL R. DAVIS
HARRISON G. KIMBALL
JOHN MOSS
ADOLF C. MUNOZ
C. O. PROVOST
JOHN C. SIMS
ADRIAN SMITH
HOWARD SPRUANCE
JOHN STEWARDSON
T. RONEY WILLIAMSON
HENRY GILLETTE WOODMAN

THE T SQUARE CLUB ATELIER

OF THE

PENNSYLVANIA ACADEMY OF THE FINE ARTS

OFFICERS

Patron, PAUL PHILLIPPE CRET
Architecte diplomé par le Gouvernment
Massier, W. O. RAIGUEL
Sous Massier, CHARLES EDGAR COPE
Bibliothécaire, W. EDWIN GLOSSOP

MEMBERS

BAUER, CHARLES H.
BEHR, ARTHUR
BODINE, FRANK LEE
BRAZER, CLARENCE W.
CLARK, LAWRENCE
COPE, C. EDGAR
DALES, E. LEWIS
DUNLAP, M. EDMUNDS
FENTON, WARDEN H.
GLOSSOP, W. EDWIN
GRANCELL, W. EARL
GROBEN, WM. EDWARD
KARCHER, WALTER T.
MAURER, HARRY
MCCLAY, DAVID L.
RAIGUEL, WM. O.
RING, JOHNATHAN
SCHEFFER, MORRIS
SCHWEBEL, EDWARD J.
SCHWEIKER, CHAS. C.
SHARPLEY, WM. W.
TEMPLE, THOMAS B.
TROUT, WETHERILL P.
VAUX, WILLIAM S.
YARDLEY, E. H.
YOCOM, STANLEY

THE ATELIER

WITH the beginning of the second year's work at the Academy of Fine Arts, the T Square Club Atelier shows that the zeal and energy of the patron, Professor Crét, in the past year has invigorated its members with a new interest, and it is more and more forcibly demonstrated that the association of the Atelier with the Academy has been a wise one, for not only have the students shown a marked development and improvement in their work, but there is a very practical evidence of the success of the union in the large number of "values" awarded by the jury of the Society of Beaux Arts Architects for problems submitted by the students of the Atelier. The Atelier feels the benefit of being brought into closer touch with the Academy schools, and the interest manifested by the Faculty in the furtherance of architectural studies in Philadelphia has been an added stimulus. The Atelier has been further encouraged and inspired to better work by the increased number of students, the improvements in the work-rooms in the T Square Club, and by the modified requirements for eligibility to compete for the Cresson Scholarship, whereby there is an inducement for all to work with a large reward in view.

It will doubtless be of general interest to know the way in which the problems worked by the students of the Atelier are solved. At stated times, all of the students assemble in the Academy, where they work up "*en loge*" the preliminary study as required in the programme written by a member of the Society of Beaux Arts Architects. Nine hours are allowed in which to develop this "esquiesse" or sketch, in which the general scheme is laid out and at the end of this time the sketch is handed in to the Academy and a tracing is retained by the student, from which he develops

his final drawings. He then works at the Atelier with the criticism of Professor Crét, developing his "esquiesse" until, at the end of seven weeks (the usual length of time), he is prepared to transfer his drawings to white paper, and they are rendered generally in water color. After being mounted, they are sent to New York for judgment by the jury of the Society of the Beaux Arts. Between these larger problems are introduced from time to time small sketch problems, consisting of studies of small plans, or architectural details, for which a nine hour period of study is allowed. Also, though having no place on the roster, studies are required in free-hand drawings from casts or life, these being made at the Academy, and at least one sketch being required in each month, for at least three months.

At the end of the year the problems and sketches of each student are submitted to a jury at the Academy of Fine Arts, and the student whose work shows the greatest merit is awarded the Cresson Scholarship.

The John Stewardson Memorial Scholarship competition, as well as the scholarship given by the Alumni of the University of Pennsylvania, is based on one of the regular class "A" problems.

Problems in Archæology are required to be finished in four weeks. Programmes are always distributed and sketches required to be handed in on Saturday afternoons and evenings, thus allowing the men to do their work in other than office hours.

ERNEST HOWARD YARDLEY.

THE WALTER COPE MEMORIAL PRIZE

Endowed in the memory of the late Mr. Walter Cope, this prize is awarded annually to the winner of a competition in Municipal Improvement or Landscape Architecture. It is of a value of seventy dollars, the sum being expended in Architectural books chosen in consultation with the Executive Committee of the T Square Club.

1904

First Holder, HENRY B. WARD
Mention, JOHN J. DULL

1905

Second Holder, ANDREW J. SAUER
Mention, HENRY MCGOODWIN

MEMBERS OF THE ARCHITECTURAL LEAGUE OF AMERICA

ARCHITECTURAL LEAGUE OF NEW YORK
ARCHITECTS' CLUB, UNIVERSITY OF ILLINOIS
BROOKLYN CHAPTER, A. I. A.
CHICAGO ARCHITECTURAL CLUB
CINCINNATI CHAPTER, A. I. A.
CLEVELAND ARCHITECTURAL CLUB
DETROIT ARCHITECTURAL CLUB
NATIONAL SCULPTURE SOCIETY
NATIONAL SOCIETY OF MURAL PAINTERS
PITTSBURG ARCHITECTURAL CLUB
ST. LOUIS ARCHITECTURAL CLUB
T SQUARE CLUB
TOLEDO ARCHITECTURAL CLUB
TORONTO ARCHITECTURAL EIGHTEEN CLUB
WASHINGTON ARCHITECTURAL CLUB

PHILADELPHIA CHAPTER

OF THE

AMERICAN INSTITUTE OF ARCHITECTS

President, JAMES P. JAMIESON
1st Vice-President, D. K. BOYD
2nd Vice-President, JOHN MOLITOR
Secretary, ARNOLD H. MOSES *Treasurer*, WM. C. PRICHETT

Executive Committee

FRANK MILES DAY EDGAR V. SEELER

Committee on Admissions

JAMES P. JAMIESON, *Ex Officio*
E. P. BISSELL PROF. W. P. LAIRD
ARTHUR H. BROCKIE GEORGE B. PAGE

LIST OF MEMBERS

BAILEY, WILLIAM L.,	421 Chestnut Street	Associate
BALDERSON, CHARLES,	411 Chestnut Street	Associate
BASSETT, GEORGE G.,	421 Chestnut Street	Associate
BISSELL, ELLISTON P.,	907 Bailey Building	Associate
BOGGS, EDWARD T.,	136 South Fourth Street	Associate
BOYD, D. K.,	1010 Harrison Building	Associate
BOYD, L. V.,	1215 Harrison Building	Associate
BROCKIE, ARTHUR H.,	328 Chestnut Street	Associate
CASTOR, HORACE N.,	1107 Stephen Girard Building	Associate
CHANDLER, T. P.,	328 Chestnut Street	Fellow
DAY, F. M.,	925 Chestnut Street	Fellow
DAY, H. KENT,	925 Chestnut Street	Associate
EYRE, JR., WILSON,	929 Chestnut Street	Fellow
FISHER, CLARENCE S.,	Rutledge, Penna.	
GARDNER, CLARENCE,	925 Chestnut Street	Associate
HAYS, WILLIAM C.,	456 Montgomery St., San Francisco, Cal.	
HASTINGS, T. M.,	325 Chestnut Street	Associate
HEWITT, W. D.,	671 Bullitt Building	Associate
HENDRICKSON, E. E.,	925 Chestnut Street	Associate
HICKMAN, L. C.,	Brown Bros.' Building	Associate
HILLMAN, CHARLES L.,	807 Provident Building	Associate
HUTTON, ADDISON,	1328 Stephen Girard Building	Fellow
JAMIESON, JAMES P.,	320 Walnut Street	Associate

JOHNSON, LINDLEY,	1113 Harrison Building	Associate
KELLOGG, THOS. M.	1012 Walnut Street	Associate
KELSEY, ALBERT,	921 Chestnut Street	Associate
KLAUDER, CHARLES Z.,	925 Chestnut Street	Associate
LADD, WESTRAY,	133 South Twelfth Street	Associate
LACEY, ADIN B.,	1012 Walnut Street	Associate
LAIRD, PROF. W. P.,	University of Pennsylvania	Hon. Member
LOVATT, GEORGE I.,	416 Walnut Street	Associate
MASON, GEORGE C.,	1040 Drexel Building	Fellow
MOLITOR, JOHN,	324 Walnut Street	Associate
MOSES, ARNOLD H.,	136 South Fourth Street	Associate
NOLAN, THOMAS,	225 South Forty-first Street	Fellow
PAGE, GEORGE B.,	1113 Harrison Building	Associate
PEARSON, GEORGE T.,	427 Walnut Street	Associate
PEROT, ROBESON LEA,	907 Bailey Building	Associate
PERROT, EMILE C.,	1200 Chestnut Street	Associate
PRICHETT, WILLIAM C.,	416 Walnut Street	Fellow
PURSELL, ISAAC,	119 South Fourth Street	Associate
RANKIN, JOHN H.,	1012 Walnut Street	Associate
REINHOLD, HARRY L.,	1004 Chestnut Street	Associate
REMINGTON, CLEMENT,	City Archt's Office, City Hall	Associate
SAVERY, FRANK H.,	1326 Stephen Girard Building	Associate
SAVERY, ADDISON H.,	1326 Stephen Girard Building	Associate
SCHEETZ, WILLIAM CRAMP,	1326 Stephen Girard Building	Associate
SCHERMERHORN, C. E.,	430 Walnut Street	Associate
SEELER, EDGAR V.,	Real Estate Trust Building	Fellow
SHIRK, J. O. M.,	421 Chestnut Street	Associate
SHRIGLEY, ARTHUR,	603 Chestnut Street	Associate
SINKLER, JOHN P. B.,	Bailey Building	Associate
SMEDLEY, WALTER,	904 Stephen Girard Building	Associate
STEARNS, GEORGE R.,	1107 Stephen Girard Building	Associate
STEWARDSON, EMLEN,	324 Walnut Street	Associate
SELLERS, HORACE WELLS,	1301 Stephen Girard Building	Associate
THOMAS, JOHN D.,	1107 Walnut Street	Associate
TRUSCOTT, ARTHUR,	Drexel Institute	Associate
WATSON, FRANK R.,	1211 Walnut Street	Associate
WINDRIM, JAMES H.,	Commonwealth Building	Fellow
WINDRIM, JOHN T.,	Commonwealth Building	Associate
WISE, HERBERT C.,	85 Water St., Boston, Mass.	Associate
ZANTZINGER, CLARENCE C.,	251 South Fourth Street	Associate

INDEX OF EXHIBITS

TWELFTH ANNUAL EXHIBITION

ARCHITECTURE

ALLEN & COLLINS AND J. LAWRENCE BERRY.—6 Beacon Street, Boston, Mass.

1 Marlborough City Hall.

ALLEN & COLLINS.—6 Beacon Street, Boston, Mass.

2 Thompson Memorial Chapel, Williams College.

3 Residence at Brookline, Mass.

BORING & TILTON.—32 Broadway, New York City.

4 Main Building, United States Immigrant Station, Ellis Island, New York Harbor.

5 Model of Tower of Main Building, United States Immigrant Station, Ellis Island, New York Harbor.

6 Residence of William J. Matheson, Lloyd's Neck, Long Island, N. Y.

BORING, WILLIAM A.—32 Broadway, New York City.

7 Height's Casino, Brooklyn, N. Y.

8 Height's Casino, Brooklyn, N. Y. (Photograph.)

BOYD, D. KNICKERBACKER.—Harrison Building, Philadelphia.

9 A Double Suburban House.

10 Residence at Bryn Mawr, Pa., for Tristram C. Colkett, Esq.

11 Stable at Bryn Mawr, Pa., for Tristram C. Colkett, Esq.

BRAGDON, CLAUDE.—104 Cutler Building, Rochester, N. Y.

12 House of Mr. Albert Eastwood, Rochester, N. Y.

13 House of Mr. William E. Sloan, Rochester, N. Y.

BRAZER, CLARENCE W.—1710 Real Estate Trust Building, Philadelphia.

14 A School of Fine Arts (Plan). (Second Medal in Society Beaux Arts Architects' Competition.)

CAMPBELL, SHIRAS.—Elizabeth, N. J.

15 The Choragic Monument of Lysicrates, Athens, Greece.
16 A Street in Smyrna.
17 Fountain in the Court Yard at the Mosque of Cordova, Spain.
18 The Tower of the Winds, Athens.
19 Chalet at Trient—Tete Noire, Switzerland.
20 Hotel des Capucines Amalfi.
21 Quarry House, Lake Sunapee, N. H.
22 Old House in Rouen.
23 On the Road to Meiringen, Switzerland.
24 Old House, Rouen, France.

CLAPP, JAMES FORD.—14 Felton Hall, Cambridge, Mass.

25 Facade of the Hotel Lavalette, Paris, Rotch Scholarship Evoi.
26 Salle St. Louis, Fountainebleau, Paris, Rotch Scholarship Sketch.
27 The Porte Dauphine, Fontainebleau, Paris, Rotch Scholarship Sketch.
28 Tower of St. Cuthbert's Wells, Paris, Rotch Scholarship Study.
29 Court of the Musee, Toulouse, Paris, Rotch Scholarship Sketch.
30 Alhambra Gateway.

CHURCHMAN & THOMAS.—532 Walnut Street, Philadelphia.

31 Reredos for Chantry, Church of the Holy Apostles, Philadelphia.
32 Parish House and Chapel of St. Simon the Cyrenian, Twenty-second and Reed Streets, Philadelphia, Pa.
33 Public School at Llanerch, Pa. (Successful Competitive Design.)
34 Memorial Hall to Jay Cooke, Ogontz, Pa. (Successful Competitive Design.)
35 Proposed Church at Cheltenham, Pa.

COPE & STEWARDSON.—320 Walnut Street, Philadelphia.

36 The Municipal Building for the District of Columbia. (Rear Elevation.)
37 The Municipal Building for the District of Columbia. (Front Elevation.)
38 The Municipal Building for the District of Columbia. (Front Central Pavilion.)
39 The Municipal Building for the District of Columbia. (End Pavilions.)

40 The Municipal Building for the District of Columbia. (Vestibule Doors and Corridor Details.)

41 The Municipal Building for the District of Columbia. (Plans and Elevations of Public Hall.)

DAIS, EDWARD HERBERT, Architect.
COOPER, JAMES E., Associated.—27 West 33d Street, New York City.

42 General Improvements for the City of Scranton, Pa.

43 General Improvements for the City of Scranton, Pa.

D'ASCENZO MYRTLE DELL GOODWIN.—
38 South 16th Street, Philadelphia.

44 Villa Aura, Rome. (Wall.)

45 Villa Aura, Rome. (Wash House.)

46 Porta Pinciana, Rome.

47 Detail for Andria della Robbia.

48 Villa Aura, Rome.

49 Palazzio Dario, Venice.

50 Old Houses, Gesso.

51 Entrance to Monastery, Gesso.

52 Old Monastery, Gesso.

53 St. Eggidio, Gesso.

54 Town Hall, Gesso.

55 A Byway in Gesso.

EMBURY, AYMAR.—Englewood, N. J.

56 Perspective, Palisades Trust Co., Englewood, N. J.

57 First Floor Plan, Palisades Trust Co., Englewood, N. J.

58 Store Front at Englewood, N. J.

59 A Club House at Princeton, N. J.

ELLIOTT, HUGER.—3903 Sansom Street, Philadelphia.

60 The Bridge.

61 Sketches, Spain, Salamanca.

62 Sketches, Paris, Valde Grace.

63 A Canal, Venice.

64 Cordova, Spain.

65 Studies in the Louvre.

66 Greek Vase, Louvre, Measured work, Ecole des Beaux Arts, Paris.

67 Sketches, Italy, Qena.

68 Salamanca, Spain.
69 A Composition.
70 In the Temple. (Composition.)
71 Sketches; Spain, Granada Cathedral.
72 The Bishop's Castle.
73 Tower of the Cathedral, Barcelona, Spain.

ELLICOTT & EMMART.—1101-2 Union Trust Building, Baltimore, Md.

74 Photos of House at Roland Park, Baltimore, Md.
75 Residence at Roland Park, Baltimore, Md., for B. W. Corkran, Esq. (Perspective.)
76 Competitive Design for Maryland Institute Schools. (Plan.)
77 Competitive Design for Maryland Institute Schools. (Front and Side Elevation.)
78 Competitive Design for Maryland Institute Schools. (Perspective.)
79 Photo of Drawing Room at "Cylburn" for Jesse Tyson, Esq.

ENDERS, OSCAR.—900 Columbia Building, St. Louis, Mo.

80 Residence for Mr. Chauncey Ladd, St. Louis.
81 Restaurant Pavilion, World's Fair.
82 Transportation Palace, World's Fair.

FRANK, J. HORACE.—119 West Springfield Avenue, Philadelphia.

83 Alterations and Additions to a City Congregational Church. (Plan.)
84 Alterations and Additions to a City Congregational Church. (Perspective.)

GILBERT, CASS.—79 Wall Street, New York City.

85 Suffolk Savings Bank, Boston, Mass. (Perspective Sketch.)
86 Minnesota Capitol. (Photo of Central Pavilion and Dome.)
87 Minnesota Capitol. (Photo of Building.)

DESIGN FOR WISCONSIN CAPITOL.

88 First Floor Plan.
89 Second Floor Plan.
90 Front Elevation.
91 Longitudinal Section.
92 Finney Chapel for Oberlin College, Ohio. (Sketch by Cass Gilbert.)

93 Madison (Wis.) High School. (Pen and Ink sketch of entrance bay.)
94 Essex County Court House, Newark, N. J. (Small sketch models of sculptor.)
95 Art Building, St. Louis. (Photograph of Seated Figure.)
97 Custom House, New York City. (Perspective of Rear.)

HART, RUSSELL EASON.—569 Fifth Avenue, New York City.
98 A Village Church, Brick Builder Competition.
99 A Village Church. (Details.) Brick Builder Competition.

HUBBARD & WHITE.—431 Technology Chambers, Boston, Mass.
100 Plan for Garden, West Newton, Mass.

JACKSON & ROSENCRANS.—31 Union Square, New York City.
101 Benson Memorial Library, Titusville, Pa. (Photograph.)
102 Lafayette Avenue Elevation, Masonic Temple Competition, Brooklyn, New York. (Design placed second.)
103 Typical Lodge Room Plan, Masonic Temple Competition, Brooklyn, New York. (Design placed second.)
104 Carnegie Engineering Building Competition, New York. (Front Elevation.)

KEISKER & NICHOLSON.—614 Perry Building, Philadelphia.
105 Competition for First Baptist Church, Coatesville, Pa. (Perspective.)
106 Competition for First Baptist Church, Coatesville, Pa. (First Floor.
107 Competition for First Baptist Church, Coatesville, Pa. (Second Floor.)

KELSEY, ALBERT.—931 Chestnut Street, Philadelphia.
108 Portico of a House at Chestnut Hill, Pa.

KIESSLING, CALVIN.—4320 Washington Street, Boston, Mass.
109 Colorado Springs Public Library. (View of Main Entrance.)
110 Colorado Springs Public Library. (Front View.)
111 Colorado Springs Public Library. (Perspective of Competitive Design.)

LACEY, ADIN B.—1012 Walnut Street, Philadelphia.
112 Residence at Rydal, Pa.

LORD & HEWLETT, Architects.

PELL & CORBETT, Associate Architects.—
16 East 23d Street, New York City.

SUCCESSFUL COMPETITIVE DESIGN FOR MASONIC TEMPLE, BROOKLYN, N. Y.

113 Plans of Ground Floor and Gallery.
114 Plans of Lodge Room Floor and Mezzanine.
115 Front and Side Elevations.
116 Longitudinal Section.

McKIM, MEADE AND WHITE.—160 Fifth Avenue, New York City AND
ALLEN, EVANS.—401 Chestnut Street, Philadelphia.

116A The Girard Trust Co.'s Building. (Model.)

MAURON, RUSSELL & GARDEN.—St. Louis, Mo.

117 Premiated Competitive Design, New Freedmen's Hospital, Washington, D. C.

METCALFE, LOUIS R.—3 West 29th Street, New York City.

118 "St. Francis Preaching to the Fishes," Thirteenth Century Stained Glass in Lower Church at Assisi.
119 Copy of the Prophet Isaiah, by Michelangiolo, Sistine Chapel, Rome.
120 Copy of the Delphic Sybil, by Michelangiolo, Sistine Chapel, Rome.
121 Monument to Benjamin Rush, Washington, D. C.
122 Abbey of St. Denis, France, Thirteenth Century Stained Glass.
123 Residence for Mrs. Leigh H. French, New Rochelle, N. Y. (Preliminary Sketch.)
124 House for Mrs. George Brown, Jr., Brooklandville, Md. (Preliminary Sketch.)
125 House for Mr. Henry W. Beecher, Passaic, N. J. (Preliminary Sketch.)
126 Panel by Puris de Chavannes in the Boston Public Library. (Sketch copy of.)
127 Panel by Puris de Chavannes in the Boston Public Library. (Sketch copy of.)
128 Panel by Puris de Chavannes in the Boston Public Library. (Sketch copy of.)

MILLS, JAMES LAYNG.—105 East 15th Street, New York City.

129 A Chapter House (Une Salle Capitulaire). Second Class Projet, Ecole des Beaux Arts, Paris.

130 A Monumental Stairway, End Elevation (La Paroi de Fond d'une Cage de Grand Escalier). Second Class Projet, Ecole des Beaux Arts, Paris.

131 A Church Tower (Une Tour—Lanterne sur un Transept d'Eglise). Second Class Projet, Ecole des Beaux Arts, Paris.

MOLITOR, JOHN.—320 Walnut Street, Philadelphia.

132 Old House in Germantown, Pa.

MORRIS, BENJAMIN W., JR.—5 West 31st Street, New York City.

133 Elevation of Dormitory Group, Princeton, N. J. (Rendered by Jules Guerin.)

134 McCosh Hall, Princeton, N. J., East Elevation. (Competition Drawings.)

135 McCosh Hall, Princeton, N. J., South Elevation. (Competition Drawings.)

136 Clyde Fitch Residence, "Quiet Corner," Greenwich, Conn. (Frame of photographs. Photographs by August Patzig.)

137 The Travelers' Insurance Company Building, Hartford, Conn., Front Elevation. (Competition Drawing.)

138 Aetna Insurance Company Building, Hartford, Conn. (Frame of photographs. Photographs by August Patzig.)

139 Clyde Fitch Residence, "Quiet Corner," Greenwich, Conn., Drawn and rendered by B. W. Morris, Jr.

140 Col. Dudley Evans, Residence, "Dudley House," Englewood, N. J. (Frame of photographs. Photographs by August Patzig.)

MORRIS, GEORGE SPENCER.—515 Stephen Girard Building, Philadelphia.

141 Hospital of St. Cross, Winchester. (Pencil Sketch.)

MOSES, ARNOLD H.—136 South Fourth Street, Philadelphia.

142 Interior of Dining Room, 1209 Walnut Street, Philadelphia, Pa.

143 House at Haverford, Pa., Photographs of interior and exterior and plans.

OLMSTED BROTHERS.—Brookline, Mass.

144 Garden at Lexington, Mass.

145 Perspective sketch for a Formal Garden, Tuxedo Park, N. Y.

PAGE, GEORGE BISPHAM.—1117 Harrison Building, Philadelphia.

146 Successful Competitive Drawing for United States Post-Office, Allentown, Pa.

PELL & CORBETT.—31 Union Square, New York City.

SUCCESSFUL COMPETITIVE DESIGN FOR MARYLAND INSTITUTE BUILDING, BALTIMORE, MD.

147 Ground Plan and Second Floor Plan.
148 Front Elevation.
149 Transverse Section.

PEROT, R. L. AND BISSELL, E. P.—908 Bailey Building, Philadelphia.

150 Memorial Chapel at Mauch Chunk, Pa. (Elevation and Plan.)

PHILLIPS, J. H.—7 East 42d Street, New York City.

151 Wykagyl County Golf Club, New Rochelle, N. Y.

POPE, JOHN RUSSELL.—1133 Broadway, New York City.

152 Design for a Commemorative Monument on the Great Lakes.

POST & SONS, GEORGE B.—33 East 17th Street, New York City.

COLLEGE OF THE CITY OF NEW YORK.

152A Sketches and Photographs—Grotesque Figures.

POTTER, WILLIAM WOODBURN.—1012 Walnut Street, Philadelphia.

153 House of Harry E. Speakman, Esq., Rockford Park, Wilmington, Del. (Plan and Surroundings.)
154 Office Building of Morris Rosenbaum, 603-5 South Third Street, Philadelphia, Pa. (Elevation.)
155 House of Harry E. Speakman, Esq., Rockford Park, Wilmington, Del. (Perspective View.)
156 An Economical Twin Operation House, J. C. Hinckley, Esq., owner. (Plans and Elevations of.)

PRICE, WALTER F.—731 Walnut Street, Philadelphia.

157 House at Chestnut Hill.

REED & STEM.—7 East 42d Street, New York City.

158 Proposed Passenger Station at Schenectady, N. Y., New York Central & Hudson River R. R.
159 Garden Front Alterations for Mr. H. Julier.

REINHOLD, HENRY L.—1004 Chestnut Street, Philadelphia.

160 United States Post Office at Allentown, Pa.
161 Ardmore Trolley Station, Ardmore, Pa.
162 Sketches for Library, etc.

RING, JONATHAN.—430 West Bringhurst Street, Germantown, Pa.

163 Lion of St. Mark's.

ROBB, E. DONALD.—170 Fifth Avenue, New York City.

164 A Country Chapel.
165 Farm House, near Chester, Pa.
166 Notre Dame de Paris.
167 A Village Church, Brick Builder Competition, Third Prize Design. (Elevation.)
168 A Village Church, Brick Builder Competition, Third Prize Design. (Details.)
169 Bell Harry Tower, Canterbury Cathedral.
170 Quartermaster's and Commissary's Stores, West Point Military Academy.
171 Sketch at Upland, Pa.
172 Amiens.
173 Gen. Meade's Headquarters at Gettysburg, Pa.

SELLERS, HORACE WELLS.—1301 Stephen Girard Building, Philadelphia.

174 House at North East Harbor, Me., The Stair Hall.
175 House for Clarence M. Clark, Esq., Germantown, Pa. (Front.)
176 House for Clarence M. Clark, Esq., Germantown, Pa. (Side Elevation.)
177 House for Clarence M. Clark, Esq., Germantown, Pa. (Ground Plan.)

SINKLER, JOHN P. B., AND CAMPBELL, SHIRAS.
908 Bailey Building, Philadelphia.

178 A Country House at Uniontown, Pa.

SMEDLEY, WALTER.—904 Stephen Girard Building, Philadelphia.

179 House for Ernest Yarnall, Moylan Park, Pa.
180 House for Mrs. R. S. Easby, Media, Pa.

SMITH, LIVINGSTON.—33 East 17th Street, New York City.

181 Frieze for the "Phi Kappa Psi Fraternity House," University of Pennsylvania.
182 Detail of Frieze for the "Phi Kappa Psi Fraternity House," University of Pennsylvania.

SMITH, M. H.—Danbury, N. H.

183 A Cartoon for Leaded Glass.

THOMAS, W. H.—532 Walnut Street, Philadelphia.

184 Rubbing of Stone Floor, Tomb of Bishop Torcello, Venice.

TILTON, EDWARD L.—32 Broadway, New York City.

185 Library Building, Cincinnati, Ohio.

186 Interior of Living Room, residence of Thomas A. Edison, Esq., Llewellyn Park, Orange, N. J.

TOTTEN & ROGERS.—808 17th Street, Washington, D. C.

187 Gate of Justice, Alhambra.

188 Premiated Competitive Design for Freedmen's Hospital, Washington, D. C. (Elevation.)

189 Premiated Competitive Design for Freedmen's Hospital, Washington, D. C. (Perspective.)

190 House, Hon. C. D. Walcott. (Photographs.)

191 House, Hon. J. B. Henderson, Washington, D. C. (Perspective.)

TOTTEN, GEORGE OAKLEY, JR.—808 17th Street, Washington, D. C.

192 Bridge at Ronda, Spain.

193 Alhambra Gates.

WATMOUGH, RICHARD L.—601 Vilsack Building, Pittsburgh, Pa.

194 Une Salle Circulaire Voutée, Mention drawing Ecole des Beaux Arts, Paris.

195 Tower at Caen.

196 The Chapel, Chateaux of Ambuise.

197 From the Battlements at Mt. St. Michel.

198 Tower of St. Owen at Rouen.

199 Mount St. Michel at Low Tide.

200 The Abbey, Mt. St. Michel.

201 Arch of Titus, Rome.

202 Tower of Cathedral Chartres.

203 Church at Louviers.

204 Chateau Dun, France.

205 Un Cirque, Twelve Hour Esquisse, Ecole des Beaux Arts, Paris.

206 Cimetiere, Eleve de Godefroy and Freynet.

207 Un Pavillion de Dovana Maritine, Eleve de Godefroy & Freynet.

208 Un Escalier Francaise, Eleve de Godefroy & Freynet.

209 Une Bibliotheque.

210 Palazzo Publico Siena.

WELTON, WILLIAM L.—74 Fifth Avenue, New York City.

211 European Sketches.

212 Sketches, France, Rotch Traveling Scholarship.

213 Sketches, Italy, Rotch Traveling Scholarship.

WHITFIELD & KING.—160 Fifth Avenue, New York City.

214 House for August Roessler, Esq., Tuxedo Park, New York.

WOOD, DONN & DEMING.—808 17th Street, Washington, D. C.

215 Six Houses for Messrs. Davidson & Davidson, Washington, D. C.

COMPETITION FOR NEW POLICE COURT, WASHINGTON, D. C.

216 Floor Plans.

217 Elevation.

COMPETITION FOR NATIONAL METROPOLITAN CITIZENS' BANK.

218 First Floor Plan.

219 Typical Floor Plan.

220 Section.

221 Elevation.

222 Scheme for Four Houses for Davidson & Davidson, Washington, D. C.

THE FELLOWSHIP

L. M. LEISENRING

ENVOIS OF THE SECOND HOLDER, TRAVELING FELLOWSHIP IN ARCHITECTURE OF THE UNIVERSITY OF PENNSYLVANIA.

223 Sketch, Church of San Pablo, Saragossa.
224 Vielle Boucherie, Antwerp.
225 Sketch in Spain.
Sketch in Spain.
Sketch in Spain.
226 Interior of St. Mark's, Venice, Sketch.
227 Interior of St. Mark's, Venice, Sketch.
228 Gate of the Lions, Cathedral, Burgos, Sketch.
229 Grand Place, Brussels, Sketch.
230 Apse of the Frari, Venice, Sketch.
231 The Zattere, Venice, Sketch.
232 Interior of the Villa Madama, Rome, Sketch.
233 Interior of Church of San Francesco, Assisi, Sketch.
234 Interior of Church of San Francesco, Assisi, Sketch.
235 Doorway, San Zeno, Maggiore, Verona, Sketch.
236 On the Giudecca, Venice, Sketch.
237 Photographs.
238 Villa Madama, Rome, Color Studies.
239 Portion of an Altar Front in Glazed Tiles, Cathedral Salamanca, Colored Rubbing.
240 A Retreat for Aged Artists, Plan Problem.
241 Ponta Vecchio, Florence, Sketch.
242 Cathedral Ravello, Mosaic Panel, Measured Drawing.
243 Roman Capitol in the Stadium, Palatine Hill, Rome, Red Chalk Drawing.
244 Church of San Francesco, Assisi, Sketch.
245 Sketch in Spain.
Sketch in Spain.
Sketch in Spain.
246 Doorway, Sancti Spiritus, Salamanaca, Sketch.
247 Wall Tomb in Cloisters, Cathedral Barcelona, Spain. Rubbing.
248 Doorway, Church of San Clemente, Toledo, Measured Drawing.
249 Apse of San Gregorio, Venice, Sketch.
250 Gesuati, Venice, Sketch of.

251 Sketch in Tangiers.
252 Sketch in Tangiers.
253 Sketch in Tangiers.
254 Tower of the Palazzo Pubblico, Siena, Measured Drawing.
255 Sketch of Boats, Venice.
Sketch of Boats, Venice.
Sketch of Boats, Venice.
256 Syracuse, Sketch.
257 Looking Through the Aqueduct at Segovia, Sketch.
258 An Inn Near Rome, Sketch.
259 Aqueduct at Spoleto, Sketch.
260 San Gimignano, Sketch at.
261 Messina, Sketch at.
262 Sketch along the Zattere, Venice.
263 Sketch along the Zattere, Venice.
264 Sketch of the CaDoro, Venice.
265 Sketch on the Rio del Ponta Lungo, Venice.
266 Roman Altar in the Museum, Arles, France, Measured Drawing.

THE SCHOLARSHIP

CHRISTIAN GEORGE SPOERL

Eighth Holder, John Stewardson Memorial Scholarship.

MEASURED DRAWINGS.

267 Parterre de la Fama la Granja.
268 Parterre de la Fama la Granja.
269 Entrance Doors, l'Oratoire, Paris.
270 Reja Capilla de la Annungiacio, Seville Cathedral.
271 Puerta Hospital, del Rej, Burgos.

HOWELL, C. E.

A COMMEMORATIVE MONUMENT.

First Prize in the Competition for Scholarship, 1905.

272 Elevation.
273 Plan.

HIBBS, HENRY C.— 33 East 17th Street, New York City.

COMPETITIVE DESIGN, JOHN STEWARDSON MEMORIAL TRAVELING SCHOLARSHIP.

274 Elevation.
275 Plan.

ACADEMIC WORK

CORNELL UNIVERSITY, ITHACA, N. Y. COLLEGE OF ARCHITECTURE

ABELL, RALPH ELLIOT.

276 Plan of a Monastery.

COBB, CHARLES SHERMAN.

277 State Dining Room.

278 A Chimney Piece for Gargoyle Club.

PREVOT, PROF. MAURICE J.

MANUFACTURE NATIONAL DES GOBELINS, (SECOND MEDAL GRAND PRIX DE ROME.)

279 Plan.

280 Elevation.

SMITH, J. ANDRE.

281 A Horticultural Museum.

THE GEORGE WASHINGTON UNIVERSITY SCHOOL OF ARCHITECTURE, WASHINGTON, D. C.

FLEMING, W. H. IRWIN.

282 "A Columbier" (9 Hour Sketch Problem).

WAGNER, S. PETER.

283 Central Bay of a Library Building. (Beaux Art Problem.)

284 A Fraternity House.

UNIVERSITY OF PENNSYLVANIA, SCHOOL OF ARCHITECTURE, PHILADELPHIA

BEIN, M.

285 Studies in Water Coloring and Rendering.

ELLETT, T. H.

THE CENTRAL MOTIVE OF A CITY HALL.

286 Plan.

287 Elevation.

FENHAGEN, C. C.

A Terra Cotta Factory.

288 Elevation.
289 Plan.

KARCHER, WALTER J.

A School of Fine Arts (Alumni Fellowship Competition, First Prize)

290 Plan.
291 Elevation.

RABENOLD, C. F.

A Commemorative Monument.

292 Plan.
293 Elevation.
294 An Hotel, Plans.

WARNER, J. S.

A Memorial Chapel for a University.

295 Plan.
296 Side Elevation.
297 Elevation.

WASHINGTON UNIVERSITY
COLLEGE OF ARCHITECTURE, ST. LOUIS, MO.

CHRISTOPHER, EDWARD E.

298 The Central Bay of a Library.

KRAETSCH, GEORGE A.

299 The Central Bay of a Library.

LAUTENBACH, JOHN R.

300 The Central Bay of a Library.

STEIDEMANN, ARTHUR O

301 A Pompeiian Monument.

STUDY, GUY.

302 A Composition of Pompeiian Fragments.

T SQUARE CLUB ATELIER

OF THE

PENNSYLVANIA ACADEMY OF THE FINE ARTS

PAUL P. CRÉT, PATRON

BAUER, CHARLES H.—

MONUMENT TO COMMEMORATE THE FREEDOM OF CUBA.

303 Elevation.
304 Plan.

BODINE, FRANK LEE.

305 Design for a Mantel, French, XVI Century.
306 Interior of a Hunting Lodge.

CLARK, LAURENCE.

307 A Hermitage in the Country.

COPE, C. EDGAR.

308 Order Problem, Pompeiian Corinthian Order.
309 Clock, Archæology Problem, Style Louis XVI.

GROBEN, WILLIAM E.

310 Art School and Museum.
310A Clock Tower, Francis I.
311 Warren Prize, "School of Technology."
312 Chapel Fleche, XV Century.

KARCHER, WALTER T.

313 Clock: Style of Louis XVI, Archæology.
314 A Hermitage in the Country, Esquisse, Esquisse.

MAURER, HARRY.

315 A Frontispiece, Mention, Placed Fourth, Beaux Arts Society.
316 A Milk Modifying Plant, Second Mention, Beaux Arts Society.
A SEASIDE SANITARIUM, FIRST MENTION, BEAUX ARTS SOCIETY.
317 Elevation.
318 Plan.

RAIGUEL, W. O.

319 Clock Tower, Early French Rennaissance.

SHARPLEY, W. W.

DORMITORIES, CLUB HOUSE, GYMNASIUM, DINING HALL, ETC., FOR A UNIVERSITY.

320 Elevation and Section.
321 Plan.

TEMPLE, T. B.

322 Sculpture, A Studio by the Sea.

TROUT, W. P.

323 A Milk House.

SCULPTURE

BORGLUM, GUTZON.—166 East 38th Street, New York City.

324 Fragment of Horses of Diomedes.
325 Study of Ruins of San Joan Mission, California.
326 Sketch, Allegory "Transportation."
327 Statuette of John Smithson.
328 Subway Tablet Fragments.
329 Subway Tablet Fragments.
330 Subway Tablet Fragments.
331 Study of St. Clement, for St. Johns The Divine, New York City.
332 Centaurs.

BORGLUM, SOLON H.—30 East 14th Street, New York City.

333 An Indian Love Chase.
334 Bear.
335 Evening.
336 Pioneers.
337 Buffalo Dance.

KORONSKI, ANDRÉ.—

338 Portable Electric Lamp.
339 Book Plates.

PARKER H. HANLEY.—1803 North Park Avenue, Philadelphia.

340 The Urn Bearer.
Sculptured Candle Stick.

PERTH AMBOY TERRA COTTA CO.—Perth Amboy, N. J.

POST & SONS, GEORGE B., Architects.—New York City.

COLLEGE OF THE CITY OF NEW YORK.

341 Full Size Cast of Grotesque Figures.
342 Full size Cast of Grotesque Figures.
343 Full size Cast of Grotesque Figures.
344 Twelve Sketch Models of Grotesque Figures.

RHIND, J. MASSEY.—208 East 20th Street, New York City.

345 "Mechanics." Farmers Deposit National Bank, Pittsburgh, Pa.
346 "Agriculture."
347 "Electricity."
348 "Courage."
349 "Truth."
350 "Prosperity."

WHITMAN, J. FRANKLIN COMPANY.—
216 East 42d Street, New York City.

351 Sketch Model of Cartouche, the Municipal Building of the District of Columbia, Cope & Stewardson, Architects, Philadelphia, Penna.
352 Sketch Model of Cartouche, the Municipal Building of the District of Columbia, Cope & Stewardson, Architects, Philadelphia, Penna.
353 Sketch Model of Complete Central Bay, the Municipal Building for the District of Columbia, Cope and Stewardson, Architects, Philadelphia, Pa.
354 Sketch Model of Pilaster Caps, the Municipal Buildings for the District of Columbia, Cope & Stewardson, Architects, Philadelphia, Penna.
355 Model of Head, the Municipal Building for the District of Columbia, Cope & Stewardson, Architects, Philadelphia, Penna.

WIEHLE, PAUL, Sculptor.—New York City.

BENJAMIN W. MORRIS, Jr., Architect.—
5 West 31st Street, New York City.

356 Casts of Gargoyles, etc., Dormitory Buildings, Princeton, N. J.
357 Gargoyle.
358 Gargoyle.
359 Gargoyle.
360 Gargoyle.
361 Class Spandrel.
362 Class Spandrel.
363 Class Spandrel.
364 Class Spandrel.
365 Class Spandrel.
366 Class Spandrel.
367 Class Spandrel.
368 Class Spandrel.

DECORATION AND STAINED GLASS

BARTLETT, FREDERICK CLAY.—2901 Prairie Avenue, Chicago, Ill.

369 Study for Portion of Frieze for Music Room for Mrs. J. J. B., Chicago, Ill.

370 A Tournament in the Middle Ages, Frieze in Gymnasium, University of Chicago.

371 Dining Room in Country House for Mrs. Dudley Winston, Lake Forest, Ill.

372 Curtain for Theatre in Reynolds Club, University of Chicago.

373 A Tournament in the Middle Ages, Frieze in Gymnasium, University of Chicago.

374 Reredos Decoration, Church of the Holy Spirit, Highland Park, Illinois.

BLASHFIELD, EDWIN H.—48 Central Park South, New York City.

375 Study for Decoration.

376 Study for Decoration.

378 Study for Decoration.

BURGESS, IDA J.—43 Washington Square, New York City.

379 Photograph from a Stained Glass Window, Portrait of Mary Sanders.

380 "The Seasons," Color Sketch for Stained Glass.

381 "The Dance," Panel for Decoration.

382 "Dawn," Panel for Decoration.

D'ASCENZO, NICOLA.—38 South 16th Street, Philadelphia.

383 Cartoon of Madonna.

384 Design for Dining Room Decoration in the Heilner House, Spring Lake, N. J.

385 Sketch, Showing Decoration for Chancel of Polish Church, Braddock, Pa., John T. Comes, Architect, Pittsburg, Pa.

386 Design for Play Room Decoration in the Heilner House, Spring Lake, N. J.

387 Design for Breakfast Room Decoration in the Heilner House, Spring Lake, N. J.

388 Sketch, Showing Decoration of Chancel, for Church in Baltimore, Md.

389 Sketch, Showing Decoration of Chancel, for Church in Baltimore, Md.
390 Design for Leaded Glass Window, for Church in Baltimore, Md.
391 Cartoon for Leaded Glass Window in Church in Baltimore, Md.
392 Design for Leaded Glass Window for Ft. Pitt Bank, Pittsburg, Pa.
393 Sketch for Leaded Glass Church Window, Boston, Mass.
394 Sketch for Leaded Glass Church Window, Boston, Mass.
395 Design for Leaded Glass Window, "The Angel of the Resurrection."
396 Cartoon for Leaded Glass Window, "Justice," Trenton Court House, N. J.
397 Cartoon for Leaded Glass Window for The Biddle Estate, Torresdale, Pa.
398 Design for Leaded Glass Lamp Shade.
399 Design for Leaded Glass Lamp Shade.
400 Example of Leaded Glass.
401 Example of Leaded Glass.
402 Example of Leaded Glass.
403 Example of Leaded Glass.
404 Example of Leaded Glass.

EVANS, G. GERALD.— 1420 Chestnut Street, Philadelphia.

405 Exterior, Main Entrance Doors, Offices on West 19th, New York City, W. W. Ward, Architect, New York City.
406 Reception Room, Residence of Mrs. H. M. Curry, Magnolia Beach, Mass., W. W. Ward, Architect, New York.

EVANS, F. HOPKINSON.—1315 Walnut Street, Philadelphia.

407 Elizabethan Hall.
408 Half Timbered Hall, Early Elizabethan.
409 Late XVII Century Dining Room (Georgian Period).
410 XVIII Century Drawing Room (Adams Period).

GOODHUE, HARRY E.— 23 Church Street, Cambridge, Mass.

411 Photographs of Various Windows.
412 Library Window, Residence of Marvin Preston, Esq., Detroit, Mich.
413 Aisle Window, St. Mary's Chapel, Walkerville, Ontario.

414 Gillespie Memorial, Middle Granville, N. Y.
415 Hibbard Memorial Window, Grace Church Chapel, Chicago, Ill.
416 Charlemagne Leaded Glass Panel.

HARRIS, WILLIAM LAUREL.—432 West 59th St., New York City.

417 Scheme for Mural Paintings in the Lady Chapel of the Paulist Church, New York City.
418 Color Study for Mural Painting "Coronation of the Blessed Virgin," Paulist Church, New York City.
419 Detail Study for Mural Painting "Coronation of the Blessed Virgin," Paulist Church, New York City.

HOLZER, J. A.—50 Washington Square, New York City.

420 Christ and St. Peter, Sketch for Memorial Window in St. Paul's Church.
421 "Resurrection" Chancel Window in Christ Church.

LAUBER, JOSEPH.—51 West 10th Street, New York City.

422 Photograph of Executed Work in Ascension Church, New York City.
423 Cartoon for Window in Church of the Ascension, New York City, "Christ in Admonition to Thomas."
424 "The Transfiguration," Color Scheme for Window in Trinity Lutheran Church, Lancaster, Pa.

MARSH, F. DANA.—Nutley, N. J.

425 "The Derrick," Scheme for Mural Decoration.

MATTEOSSIAN, Z. N.—170 Fifth Avenue, New York City.

426 Christ Church, Bay Ridge, L. I., Cram Goodhue & Ferguson, Architects, New York City.

PARKER, H. HANLEY.—1803 North Park Avenue, Philadelphia.

427 Design for Fire Place and Side Wall Decoration.
428 Design for Frieze (Landscape).
429 Bungalow, Holly Beach, N. J., Photo., Front Elevation, Exterior and Living Room, Interior View.

PARIS, WILLIAM FRANCKLYN.—26 West 35th Street.

430 A Cabinet for Ivory Carvings.
431 Cabinet, Henry II.
432 Wardrobe.
433 Chaise Longue, Louis XV.
434 Chaise Longue, Louis XIV.
435 Commode, Louis XIV.

SAYEN, H. LYMAN.—1020 Chestnut Street, Philadelphia.

LUNETTES FOR HOUSE COMMITTEE ON INSULAR AFFAIRS, UNITED STATES CAPITOL.

436 Sketch No. 1.
437 Sketch No. 2.
438 Sketch No. 3.
439 Sketch No. 4.
440 Reproduction of Completed Painting.

TURNER, C. Y.—130 Carnegie Hall, New York City.

441 "The Progress of Man."
442 "The Progress of Man."
443 "The Progress of Man."
444 "The Progress of Man."
445 "The Progress of Man."
446 "The Progress of Man."
447 "The Progress of Man."
448 Decoration for the De Witt Clinton High School, Manhattan, N. Y. Original Color Sketch, "Entering the Mohawk Valley," "The Marriage of the Waters," Original Color Sketch.
449 Color Study, "The Opening of the Erie Canal, 1825."
450 Color Study, "The Opening of the Erie Canal, 1825."
451 Color Study, "The Opening of the Erie Canal, 1825."
452 Color Study, "The Opening of the Erie Canal, 1825."
453 Color Study, "The Opening of the Erie Canal, 1825."
454 Completed Mural Painting, 14 feet x 16 feet (Photograph of), "Entering The Mohawk Valley," "The Opening of the Erie Canal, 1825."
455 Completed Mural Painting 14 feet x 16 feet (Photograph of), "The Marriage of the Waters," "The Opening of Erie Canal, 1825."

456 Mural Painting, "The Burning of the Peggy Stewart at Annapolis, Md., October 1774," "Baltimore Court House, Baltimore, Md."

457 Study in Color.

458 Study in Color.

459 Study in Color.

460 Study in Color.

461 Study in Color.

462 Study in Color.

463 Study in Color.

464 Study in Color.

465 Study in Color.

466 Study in Color.

467 Study in Color.

468 Original Sketch for the Burning of the Peggy Stewart.

469 Photograph of Completed Mural Painting, the Burning of the Peggy Stewart, 60 feet x 10½ feet.

470 Original Sketch for Mural Painting, 60 feet x 10 feet x 6 inches, "Barter with Indians for Land in Southern Maryland, 1634, Baltimore Court House.

471 Color Study.

472 Color Study.

473 Photograph of Completed Panels, Barter with the Indians for Land in Southern Maryland, 1634.

474 Photograph of Completed Panels, Barter with the Indians for Land in Southern Maryland, 1634.

475 Photograph of Completed Panels, Barter with the Indians for Land in Southern Maryland, 1634.

476 Competition Sketch, Mural Painting for New Court House, Manhattan, New York.

477 Photograph of Mural Painting 14 feet x 6 feet 6 inches, " The Days" Hotel, Manhattan, N. Y.

478 Photograph "The Triumph of Manhattan," Mural Painting 60 feet x 6 feet 6 inches, Hotel Manhattan, N. Y.

479 Photograph "The Triumph of Manhattan," Mural Painting 60 feet x 6 feet 6 inches, Hotel Manhattan, N. Y.

480 Photograph "The Triumph of Manhattan," Mural Painting 60 feet x 6 feet 6 inches, Hotel Manhattan, N. Y.

VAN INGEN, W. B.— 58 West 57th Street, New York City.

481 Preliminary Study for a Decoration in the Library for Congress, Washington, D. C.

482 Preliminary Study for a Decoration in the Library for Congress, Washington, D. C.

483 Preliminary Study for Mosaic Panel, Entrance Vestibule, United States Mint, Philadelphia, Pa.

484 Preliminary Study for Mosaic Panel, Entrance Vestibule, United States Mint, Philadelphia, Pa.

485 Preliminary Study for Mosaic Panel, Entrance Vestibule, United States Mint, Philadelphia, Pa.

486 Preliminary Study for Mosaic Panel, Entrance Vestibule, United States Mint, Philadelphia, Pa.

487 Preliminary Study for a Frieze in the Offices of the Edison Electric Illuminating Company, New York City.

ARCHITECTURAL WOODWORKING COMPANY.—
3029 Chestnut Street, Philadelphia.

488 Brass Marquetry, Inlaid in Ebonized Wood, Work Executed in Murray's Cafe, Broadway and 34th Street, New York City.

489 Cobbler's Sign.

BRONZES

STERLING BRONZE COMPANY.— 1513 Walnut Street, Philadelphia.

490 Standard, Wrought Iron and Gold.
491 Standard, Bronze Bracket for Minneapolis State Capitol.
492 Table Lamp, Bronze Figure, Gold Mountings.
493 Bronze Garland, Cast in one piece.
494 Candelabra, in Sterling Bronze and Wrought Iron.
495 Bronze Bracket for Col. W. H. Morgan, Alliance, Ohio.
496 Bronze Figure.
497 Florentine Bronze Standard for Col. W. H. Morgan, Alliance, Ohio.
498 Flemish Bronze Bracket.
499 Vase in Marble and Gold Bronze.
500 Lamp, Pompeiian Bronze.
501 Lantern, Carved in Wood, Gilded for Col. W. H. Morgan, Alliance, Ohio.
502 Table Lamp, Florentine Bronze.
503 Bracket, Wrought Iron.
504 Bracket, Mercury Gold, Louis XV.
505 Bronze Candlestick, in Mercury Gold.

CORBIN, P. & F.— New Britain, Conn.

506 Corbin Unit Locks.
507 Art Hardware.

FAIENCE

GATES, POTTERIES.—602 Chamber of Commerce, Chicago, Ill.

H. G. MARATTA.

508 Teco Decorative Panel in Colored Clay, Suggestion for Wall Decoration.
509 Teco Decorative Panel in Colored Clay, Suggestion for Wall Decoration.
510 Teco Decorative Panel in Colored Clay, Suggestion for Wall Decoration (three).
511 Teco Decorative Panel in Colored Clay, Suggestion for Wall Decoration.
512 Teco Decorative Panel in Colored Clay, Suggestion for Wall Decoration.
513 Teco Decorative Panel in Colored Clay, Suggestion for Wall Decoration.
514 Teco Decorative Panel in Colored Clay, Suggestion for Wall Decoration.

GRUEBY FAIENCE COMPANY.—Boston, Mass.

A. B. LEBOUTILLIER.

515 Floor Tile Panel.
516 Peacock Panel.
517 Deer Panel.
518 Oxen Panel.
519 Floor Tile Panel.
520 Carnegie Technical School Frieze.

MORAVIAN POTTERY & TILE WORKS.—Doylestown, Pa.

HILL & STOUT.

521 Tile Mosaic, Spandrel for Outside Wall of a Building.
522 Tile Mosaic, Flower Pot from Byzantine Design.
523 Tile Mosaic, Flower Pot, adapted from Spanish Design.
524 Tile Mosaic, adapted from the so-called Balcony of Desdemona, Venice.

GALLOWAY, WILLIAM, Terra Cotta Works.—
3216-24 Walnut Street, Philadelphia.

525 Sun Dial.
526 Jardiniere.
527 Grecian Vase.
528 Grecian Vase.
529 Italian Vases.
530 Italian Vases.
531 Italian Vases.
532 Vase Louis XIV.
Vase, Louis XIV.
And various other vases used for decorative purposes in the Exhibition.

CONKLING-ARMSTRONG TERRA COTTA COMPANY.—
Philadelphia and New York City.

533, 534, 535, 536, 537.

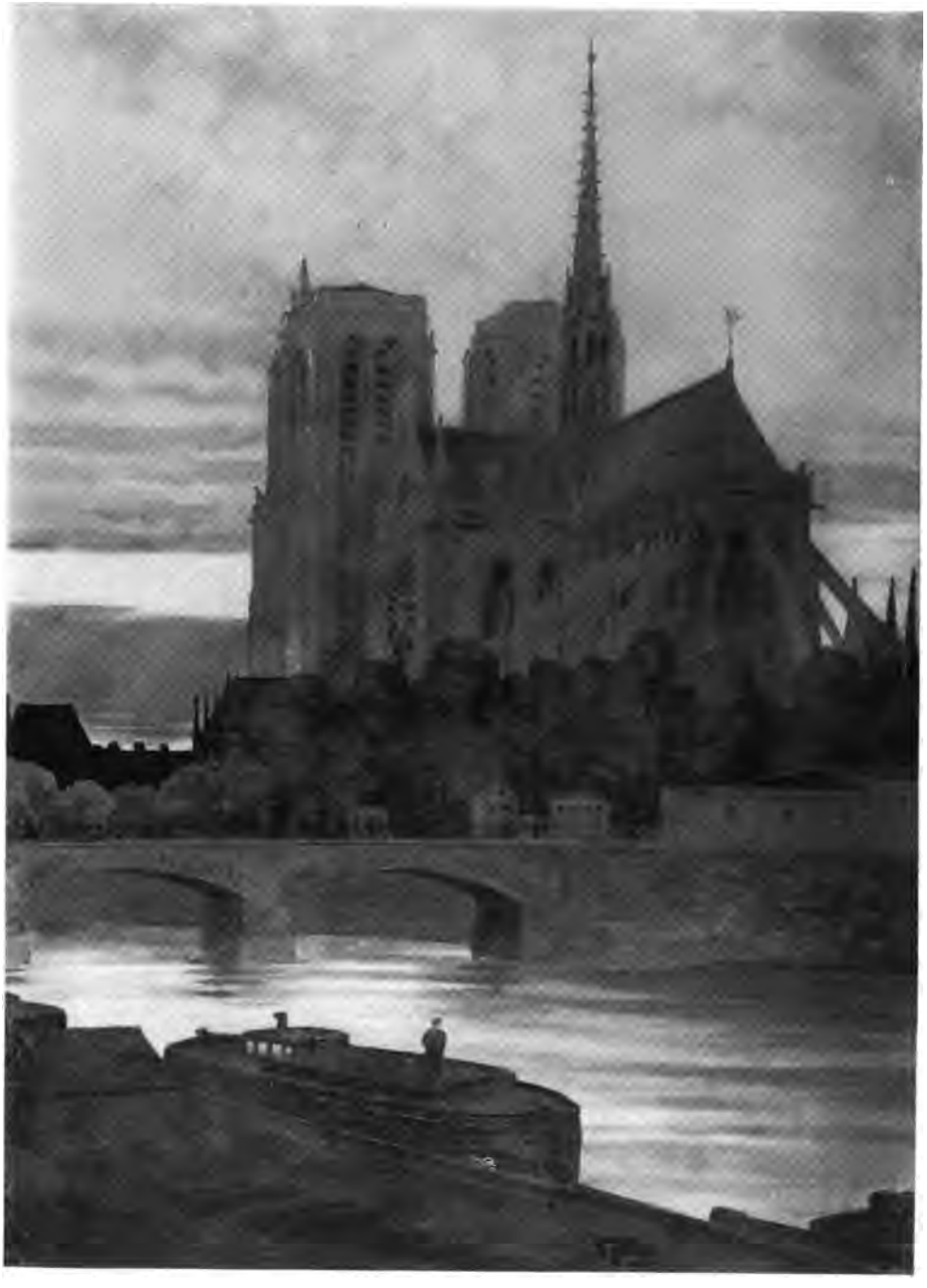
SPIRIDON, F. DEB.—19 South 16th Street, Philadelphia.

538 Jardiniere, XV Century.
539 Roman Eagle.
539A Roman Eagle.
540 Two Lions from the Original in the Loggia de Lanza, Florence, XIX Century.
541 Roman Centre Table.
542 Ceiling Tile, XV Century.
543 Byzantine Pedestal.
544 Pompeiian Candelabra.
545 Roman Wall Table.
546 Pilla da Acqua Santa, XV Century.

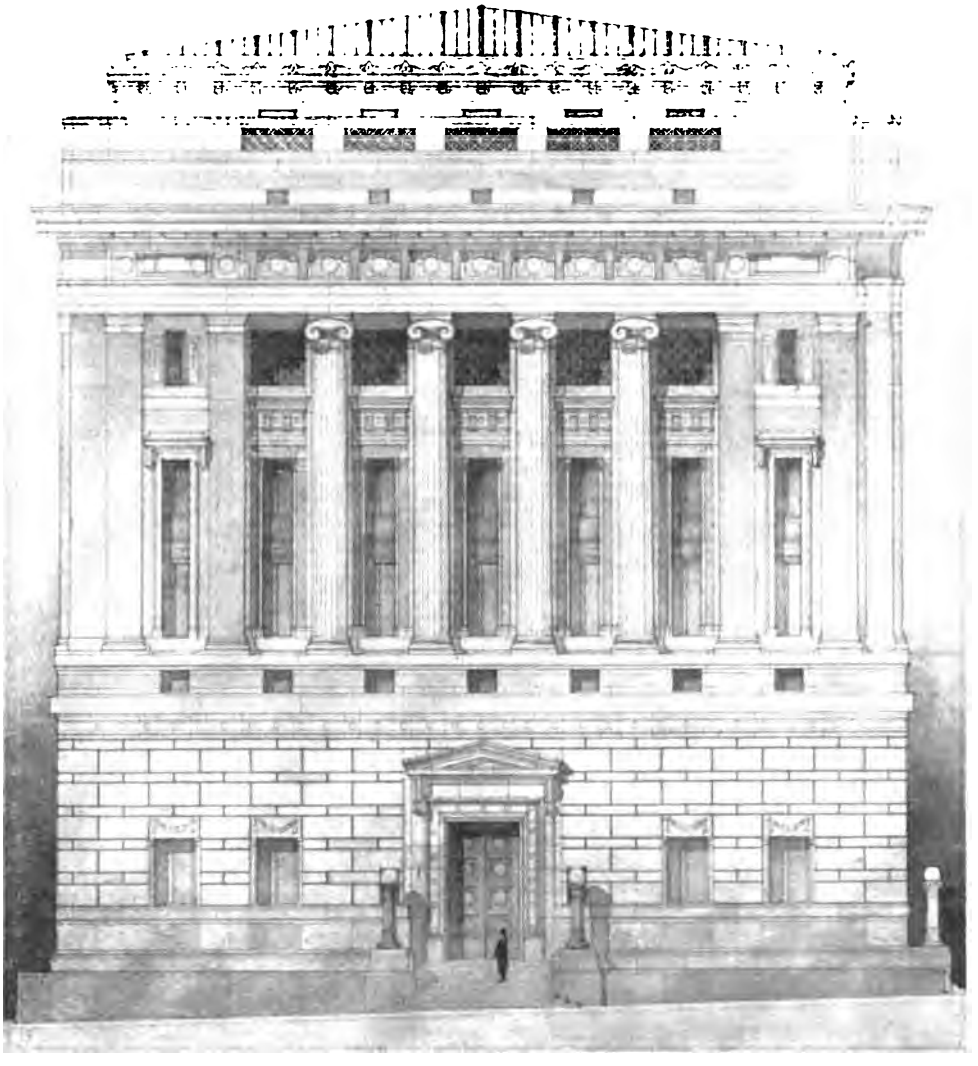
HORMANN, S. L.—Munich, Germany.

547 The Ravens.
548 Still Life.
549 Ermine in Search of Prey.
550 The Fishes.
551 Cramp-Iron.
552 Sin and Redemption, after a Miniature of 1841.
553 Six Vases, Copies from Rococo Wall Paintings, in the Castle of the King of Bavaria.

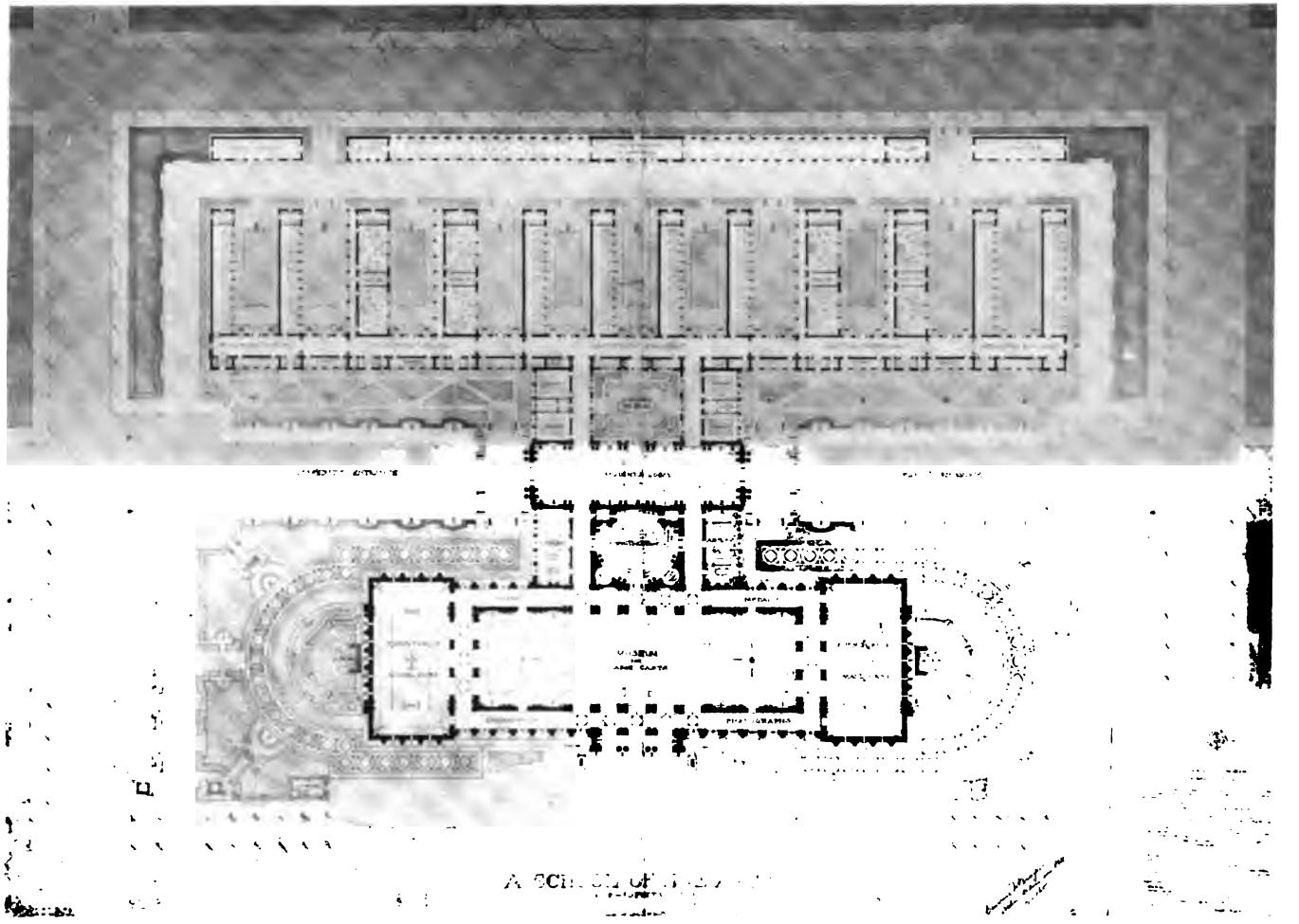
554 Copies of Wall Paintings from Pompeii and Herculaneum.
555 Spring.
556 Figure with Lyre.
557 Siena.
558 Mountain Bears.
559 Cupid and Crab.
560 Cupid and Dolphins.
561 Two Cupids with a Goat.
562 Girls Gathering Flowers.
563 Companion Gathering Flowers.
564 Girl with a Box.
565 Vestal Virgin.
566 The Bacchante.
567 Companion Bacchante.
568 Corso.
569 Portrait of the Baker of Pompeii and his Wife.
570 Nero and Seneca.
571 Fauna.
572 Venus, with a Looking Glass.
573 Hera.
574 Two Pictures of Fowl.
575 Venus and Amore.
576 Sappho.
577 Wall Fountain, Original.



NOTRE DAME DE PARIS
E. Donald Robb, New York City



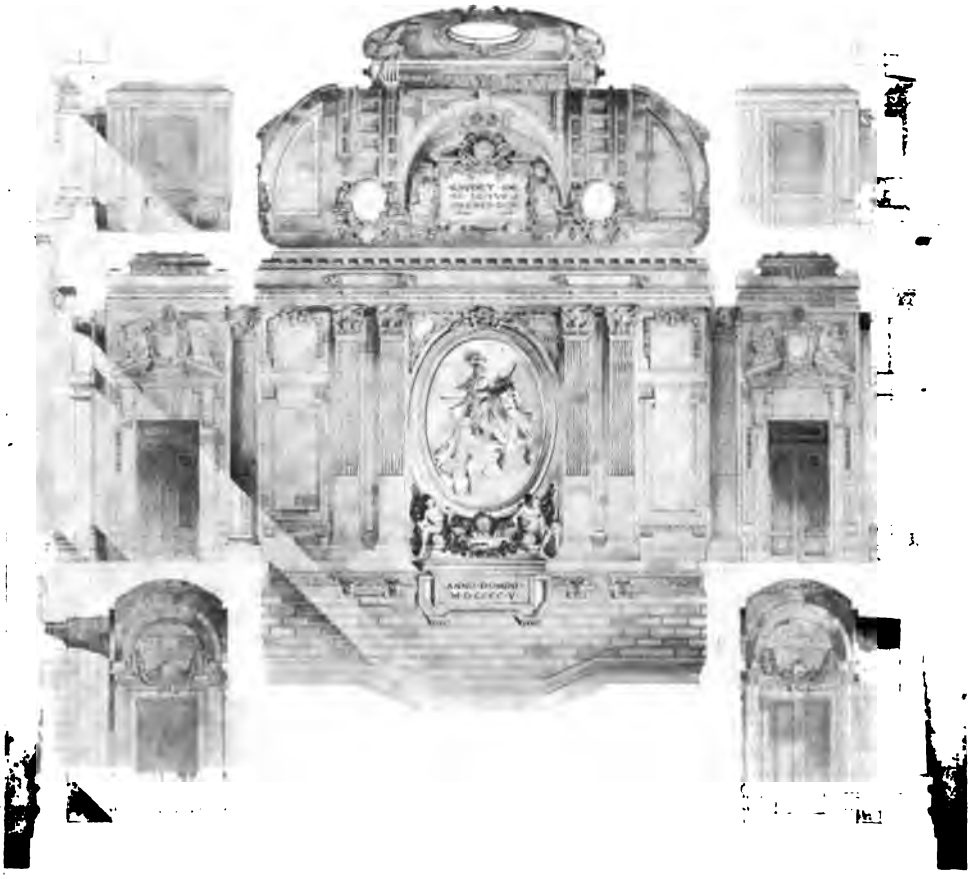
MASONIC TEMPLE, BROOKLYN, N. Y.—FRONT ELEVATION
Successful Competitive Design by
LORD & HEWLETT, Architects; PELL & CORBETT, Associate Architects, New York City



A SCHOOL OF FINE ARTS—PLAN

Second Medal in Society Beaux Arts Architects Competition

CLARENCE W. BRAZER, New York City

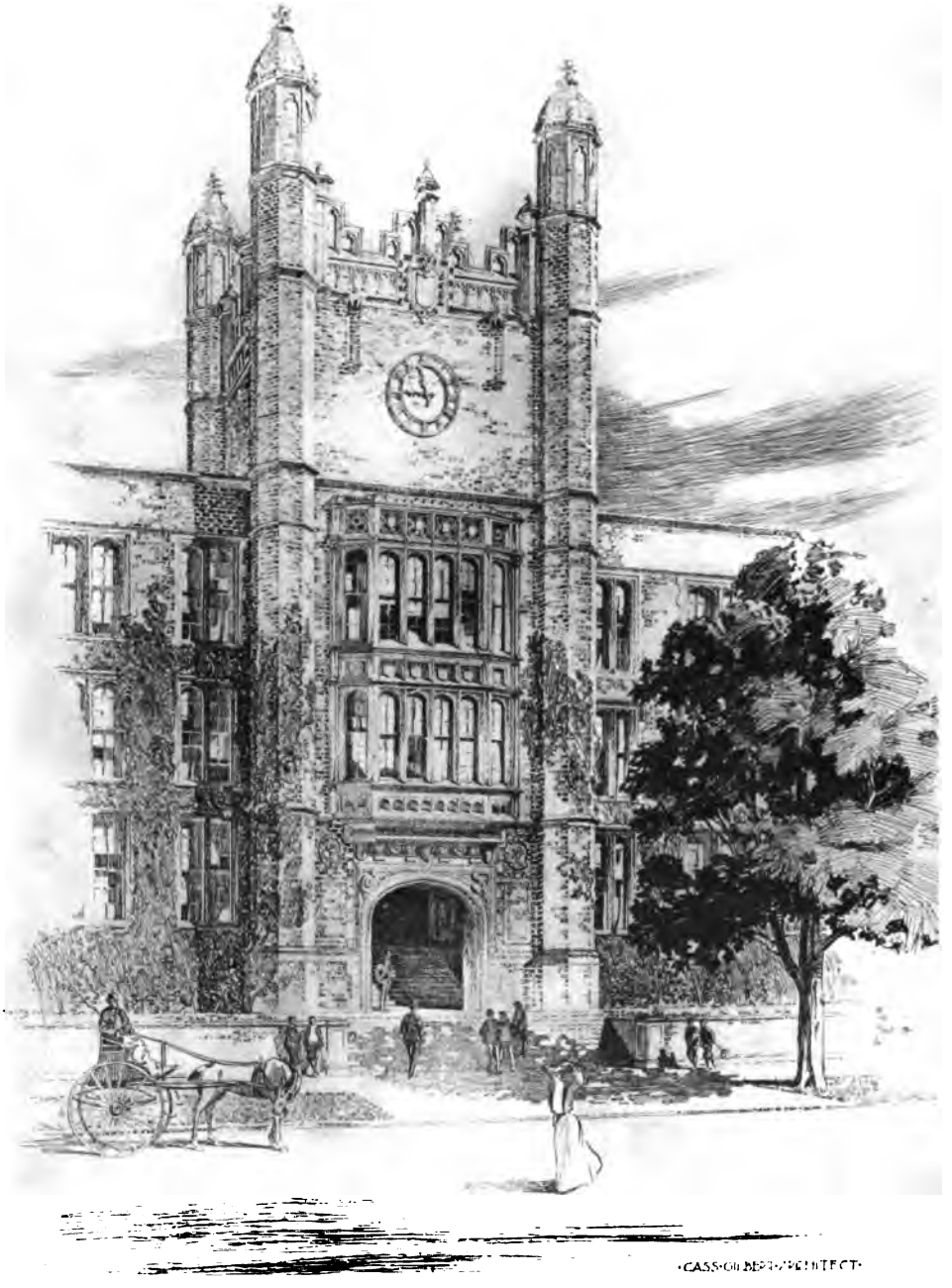


A MONUMENTAL STAIRWAY—END ELEVATION

(La Paroi de Fond d'une Cage de Grand Escalier) Second Class Projet, Ecole des Beaux Arts, Paris

JAMES LAYNG MILLS, New York

DESIGN FOR A COMMEMORATIVE MONUMENT ON THE GREAT LAKES
JOHN RUSSELL POPE, New York City

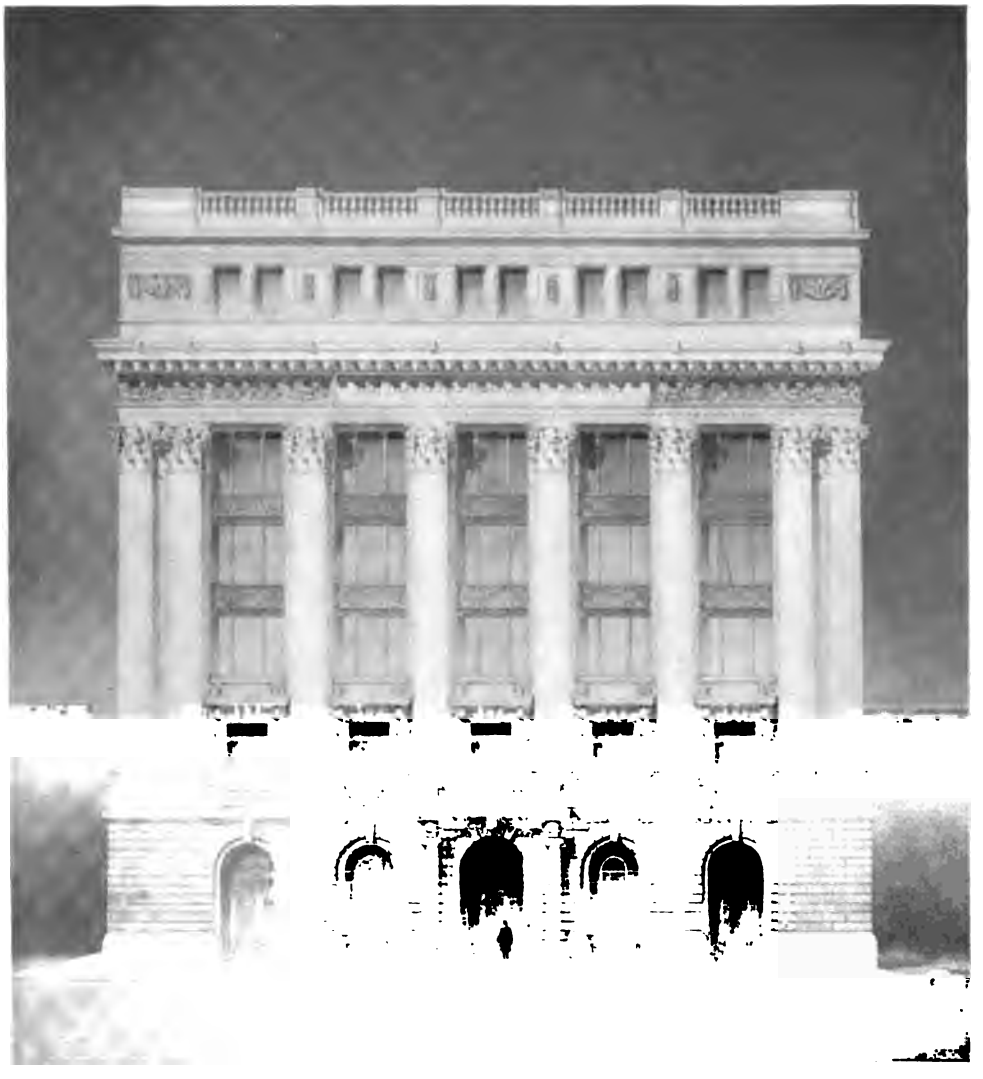


MADISON (WISCONSIN) HIGH SCHOOL.
Cass Gilbert, Architect, New York
Pen and Ink Sketch of Entrance Bay

PARISH HOUSE AND CHAPEL OF ST. SIMON, THE CYRENIAN

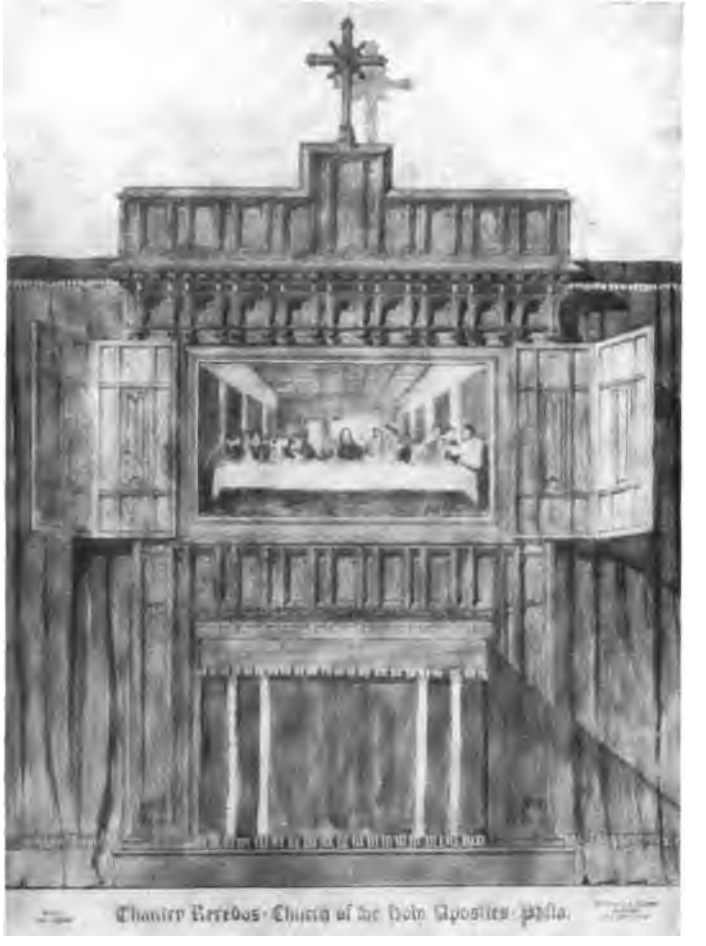
Twenty-second and Reed Streets, Philadelphia

CHURCHMAN & THOMAS, Philadelphia



THE TRAVELERS' INSURANCE CO. BUILDING, HARTFORD, CONN.
FRONT ELEVATION
(Competitive Drawing)
BENJAMIN W. MORRIS, JR., New York City

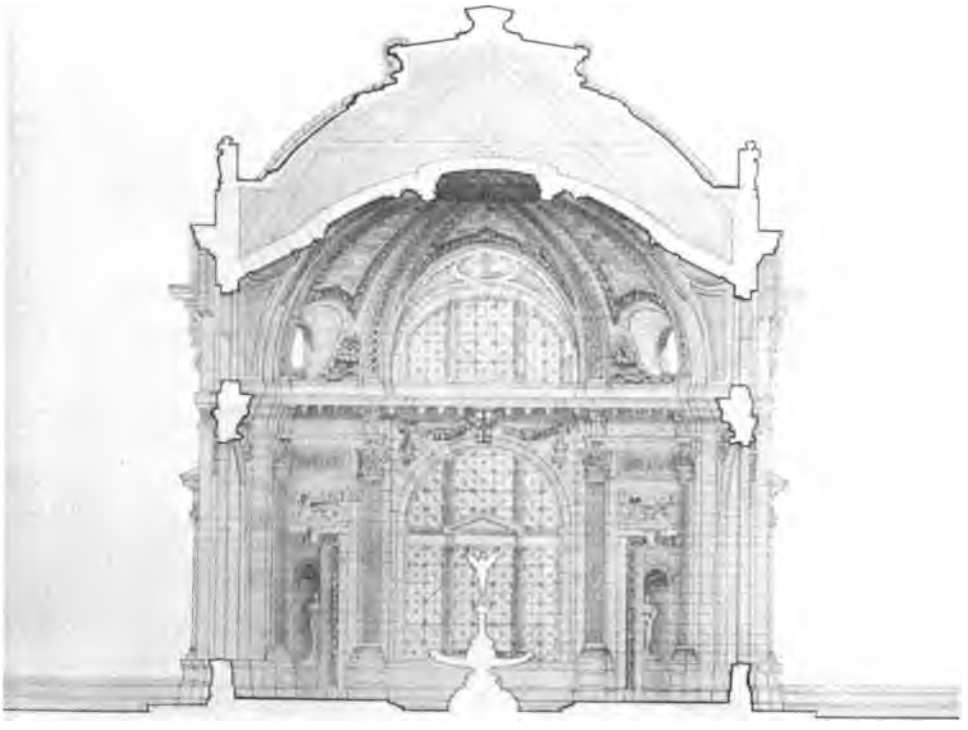
SALLE ST. LOUIS, FONTAINEBLEAU
Rotch Scholarship Sketch
JAMES FORD CLAPP, Cambridge, Mass.



REREDOS FOR CHANTRY,
CHURCH OF THE HOLY APOSTLES, PHILADELPHIA
CHURCHMAN & THOMAS, Philadelphia

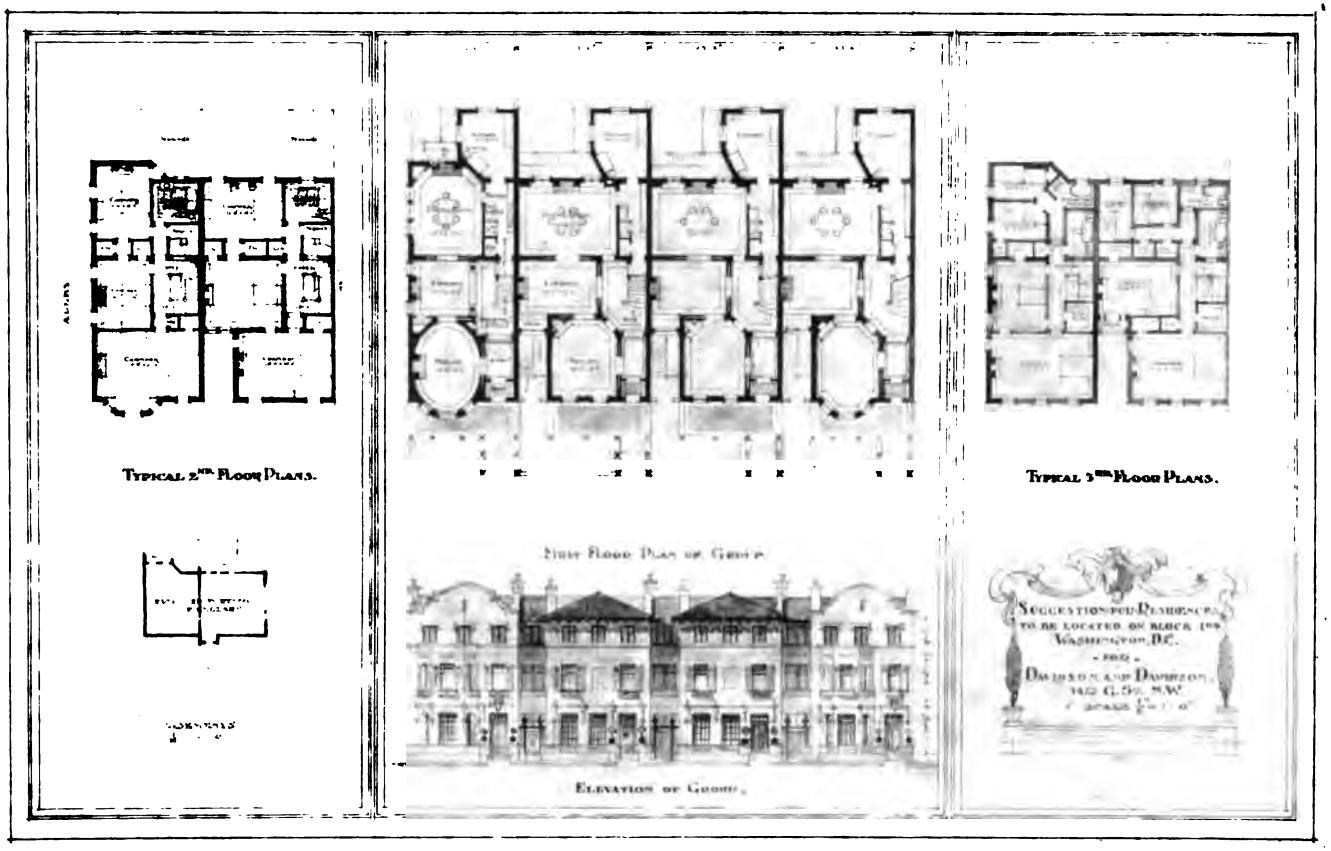
SISTINE CHAPEL, ROME
Copy of the Prophet Isaiah by Michelangiolo
LOUIS R. METCALFE, Architect, New York City

SISTINE CHAPEL, ROME
Copy of the Delphic Sybil by Michelangiolo
LOUIS R. METCALFE, Architect, New York City

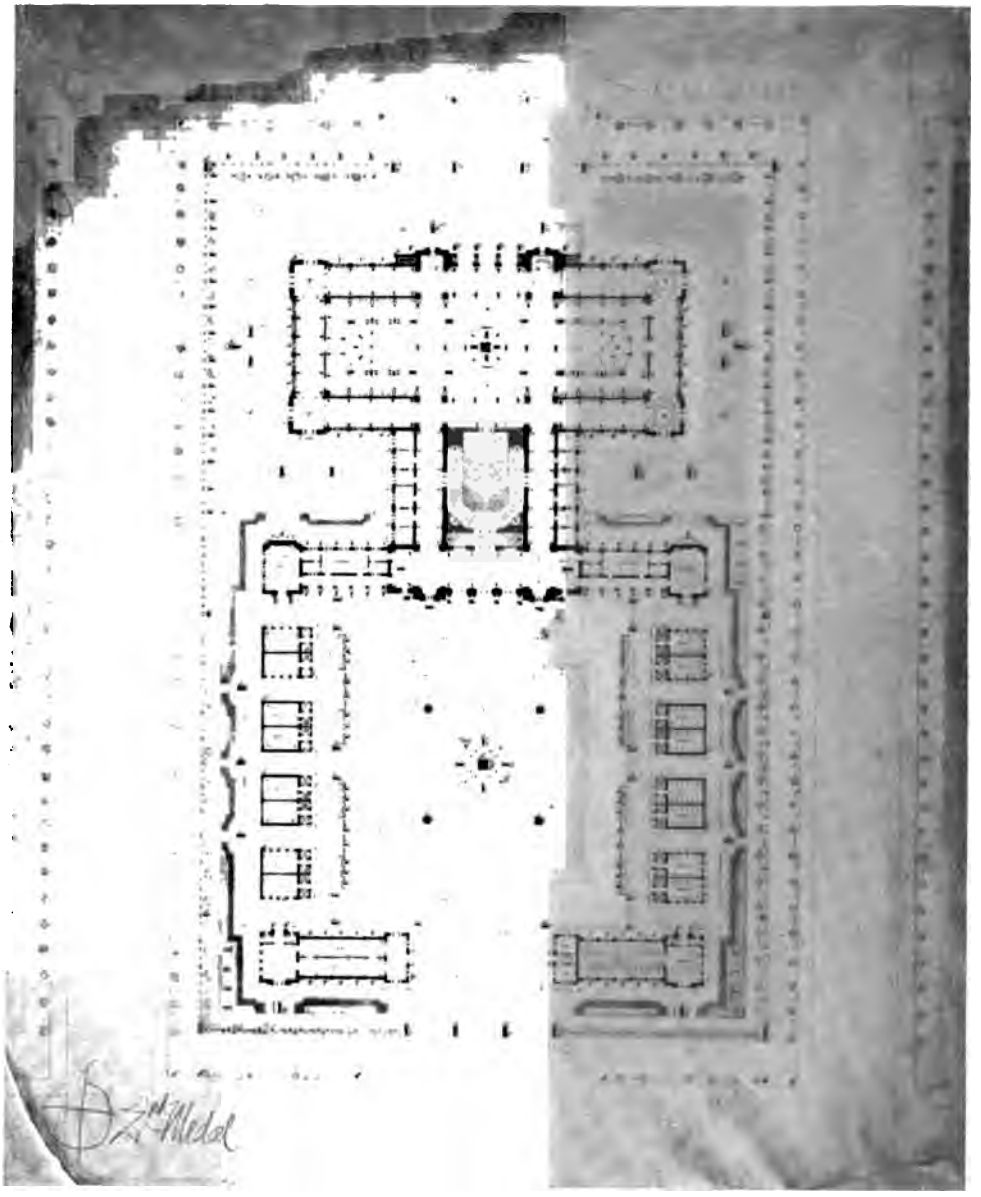


- COUPE -

UNE SALLE CIRCULAIRE VOUTÉE
Mention Drawing, Ecole des Beaux Arts, Paris
RICHARD L. WATMOUGH, Pittsburgh, Pa.



Wood, Donn & Deming, Architects, Washington, D. C.



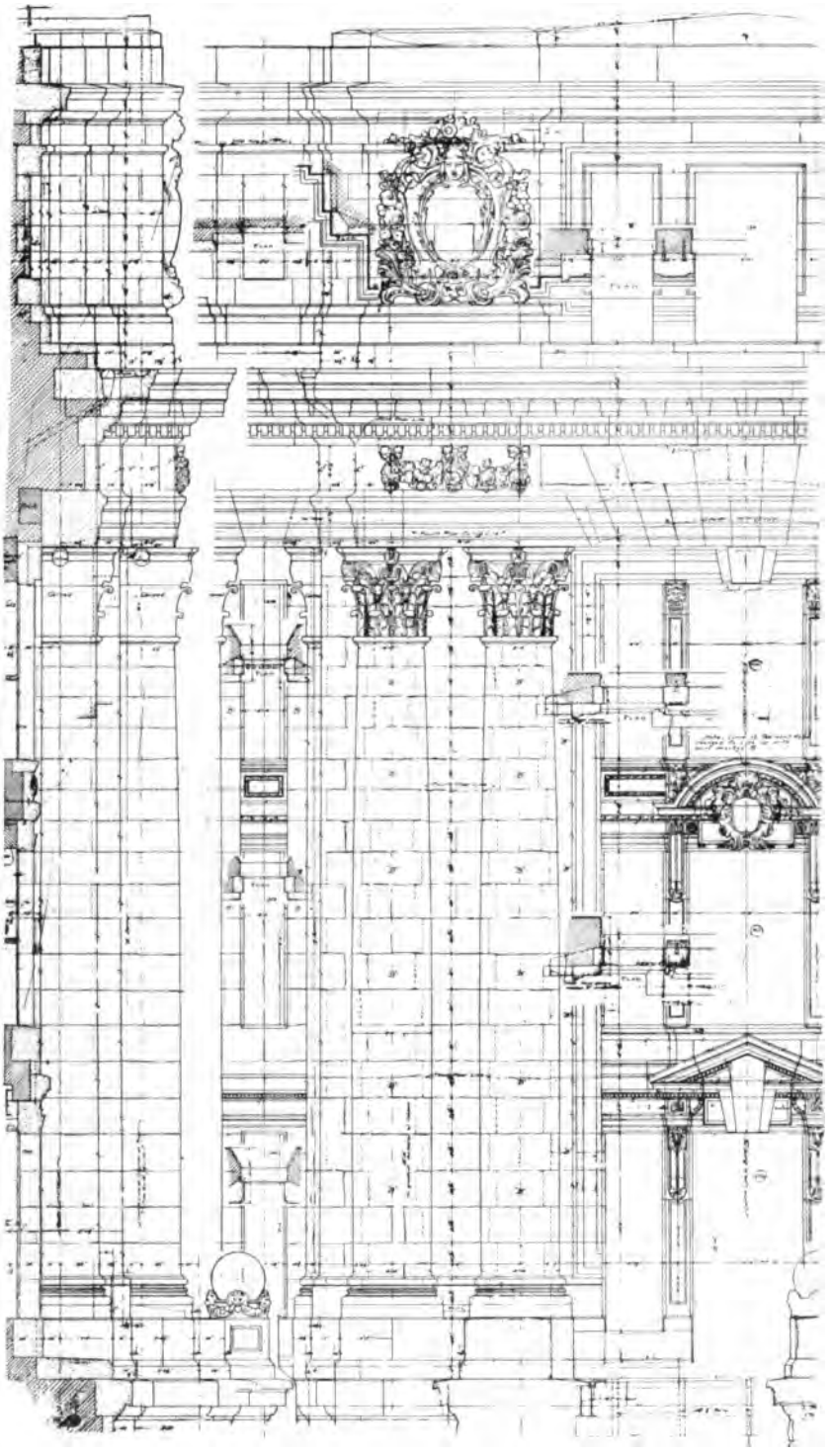
A SCHOOL OF FINE ARTS—PLAN

First Prize Alumni Fellowship Competition

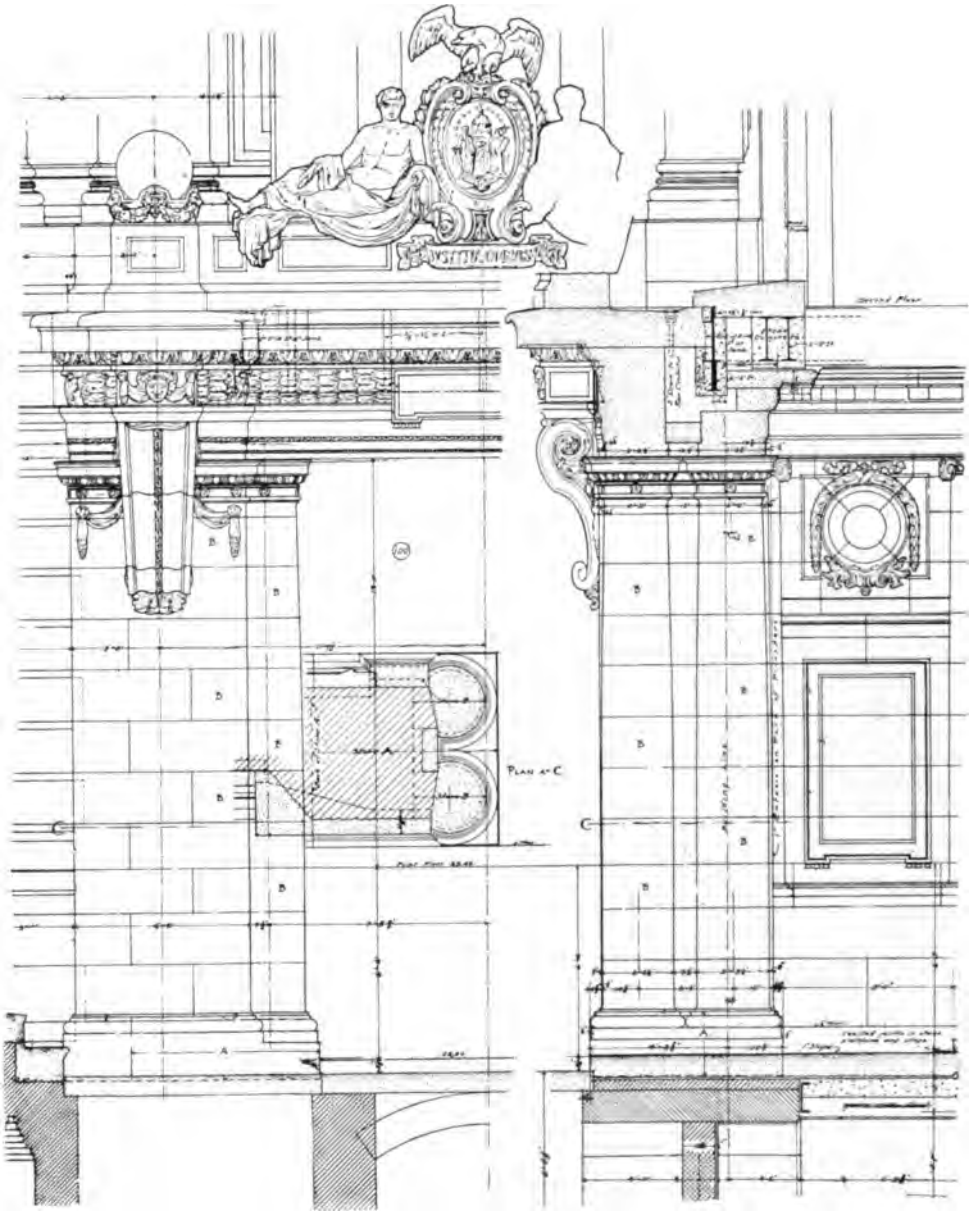
WALTER J. KARCHER, School of Architecture, University of Pennsylvania

A SCHOOL OF FINE ARTS—ELEVATION
First Prize in Alumni Fellowship Competition
WALTER J. KARCHER, School of Architecture, University of Pennsylvania

A MEMORIAL CHAPEL FOR A UNIVERSITY—SIDE ELEVATION
J. S. WARNER, School of Architecture, University of Pennsylvania.



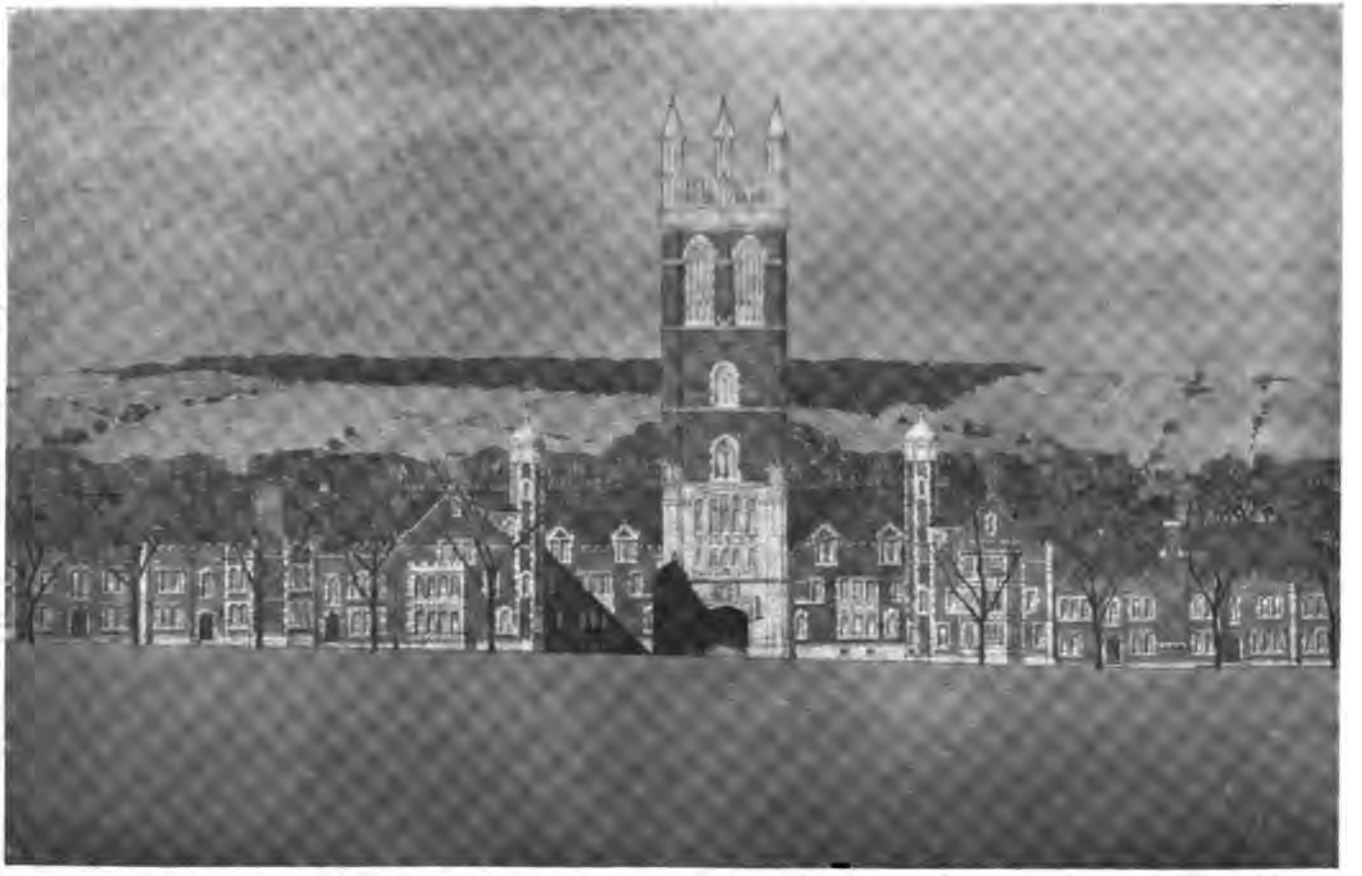
THE MUNICIPAL BUILDING FOR THE DISTRICT OF COLUMBIA
DETAIL OF FRONT CENTRAL PAVILION
COPE & STEWARDSON, Architects, Philadelphia



THE MUNICIPAL BUILDING FOR THE DISTRICT OF COLUMBIA
DETAIL OF MAIN ENTRANCE
COPE & STEWARDSON, Architects, Philadelphia

THE MUNICIPAL BUILDING FOR THE DISTRICT OF COLUMBIA
DETAIL OF A CARTOUCHE
COPE & STEWARDSON, Architects, Philadelphia

LATE XVII. CENTURY DINING ROOM
"Georgian Period"
F. HOPKINSON EVANS, Philadelphia



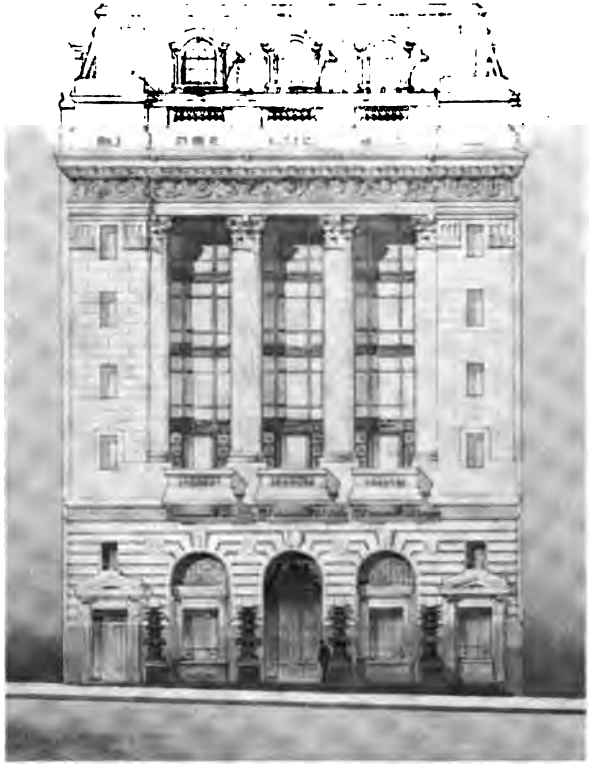
ELEVATION OF DORMITORY GROUP, PRINCETON, N. J.
Rendered by JULES GUERIN, BENJAMIN W. MORRIS, JR., New York City

CEILING ORNAMENT
J. Franklin Whitman Co., Sculptors, Philadelphia

COLORADO SPRINGS PUBLIC LIBRARY—VIEW OF MAIN ENTRANCE
Calvin Kiessling, Boston, Mass.

ENVOI OF THE ROTCH TRAVELLING SCHOLARSHIP

JAMES FORD CLAPP, Cambridge, Mass.



COMPETITION FOR THE NATIONAL METROPOLITAN CITIZENS' BANK, WASHINGTON, D. C.

WOOD, DONN & DEMING, Architects, Washington, D. C.

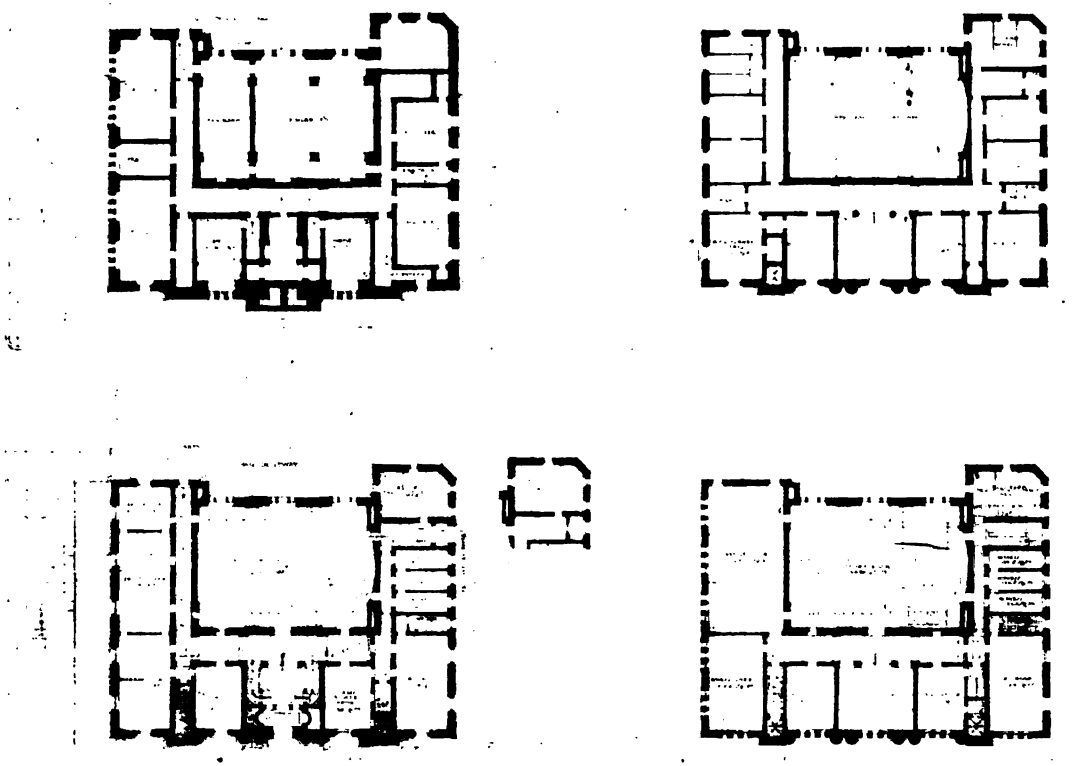
SKETCHES—FRANCE
Rotch Traveling Scholarship
Wm. L. Welton, New York City

DESIGN FOR FIREPLACE AND SIDE WALL DECORATION
H. Hanley Parker, Philadelphia

MEMORIAL HALL TO JAY COOKE, OGONTZ, PA.
Successful Competitive Design
CHURCHMAN & THOMAS, Philadelphia

DESIGN FOR A MANTEL—FRENCH, XVI CENTURY
FRANK LEE BODINE, Philadelphia

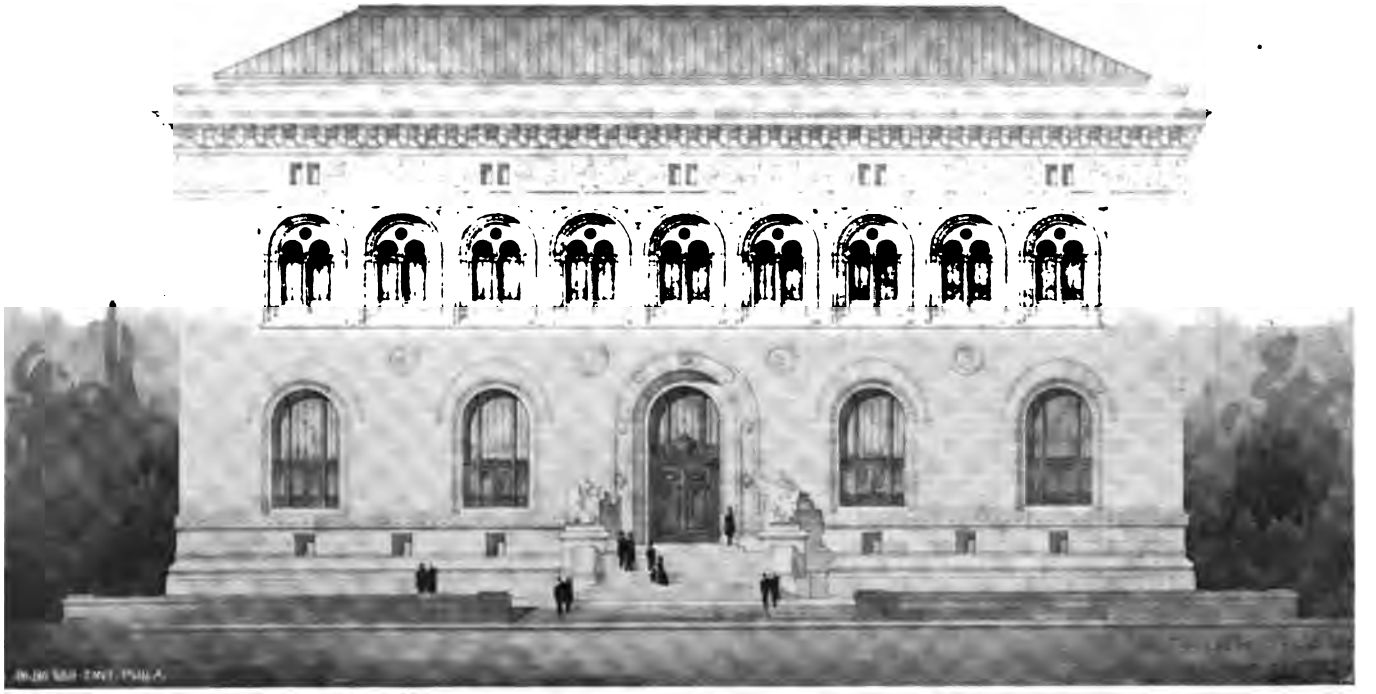
COMPETITION FOR THE NEW POLICE COURT, WASHINGTON, D. C.
WOOD, DONN & DEMING, Architects, Washington, D. C.



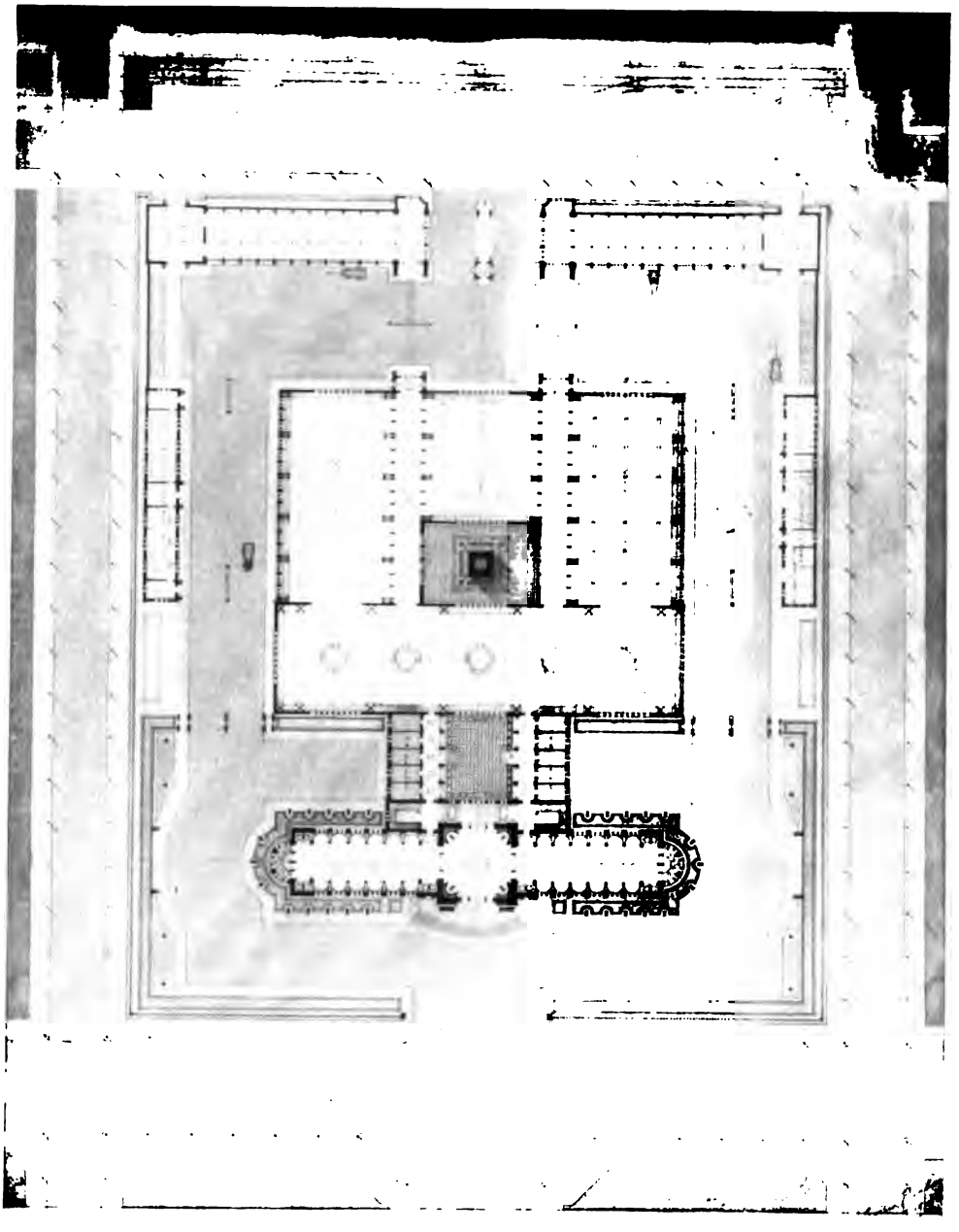
COMPETITION FOR THE NEW POLICE COURT, WASHINGTON, D. C.
FLOOR PLANS
WOOD, DONN & DEMING, Architects, Washington, D. C.

THE CHORAGIC MONUMENT OF LYSICRATES, ATHENS, GREECE

SHIRAS CAMPBELL, Elizabeth, N. J.



MARYLAND INSTITUTE BUILDING, BALTIMORE, MD.—FRONT ELEVATION
Successful Competitive Design
PELL & CORBETT, Archtects, New York City



A TERRA COTTA FACTORY—PLAN

G. C. Fenhagen, University of Pennsylvania, Architectural Department

A TERRA COTTA FACTORY—ELEVATION

G. C. FENHAGEN, University of Pennsylvania, Architectural Department

XIII CENTURY STAINED GLASS

Abbey of St. Denis, France

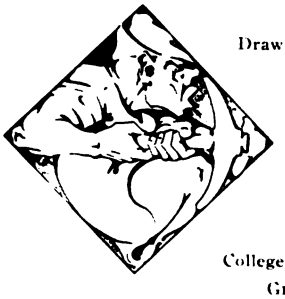
LOUIS R. METCALFE, Architect, New York City

SKETCH—APSE OF THE FRARI, VENICE
L. M. LEISENRING, Lutherville, Md.

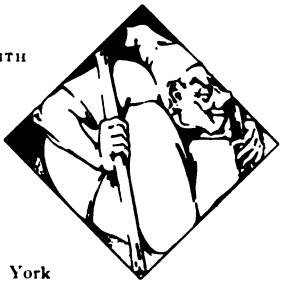
SKETCH—INTERIOR OF ST. MARK'S, VENICE
L. M. LEISENRING, Lutherville, Md.

SKETCH—APSE OF THE FRARI, VENICE
L. M. Leisenring, Lutherville, Md.

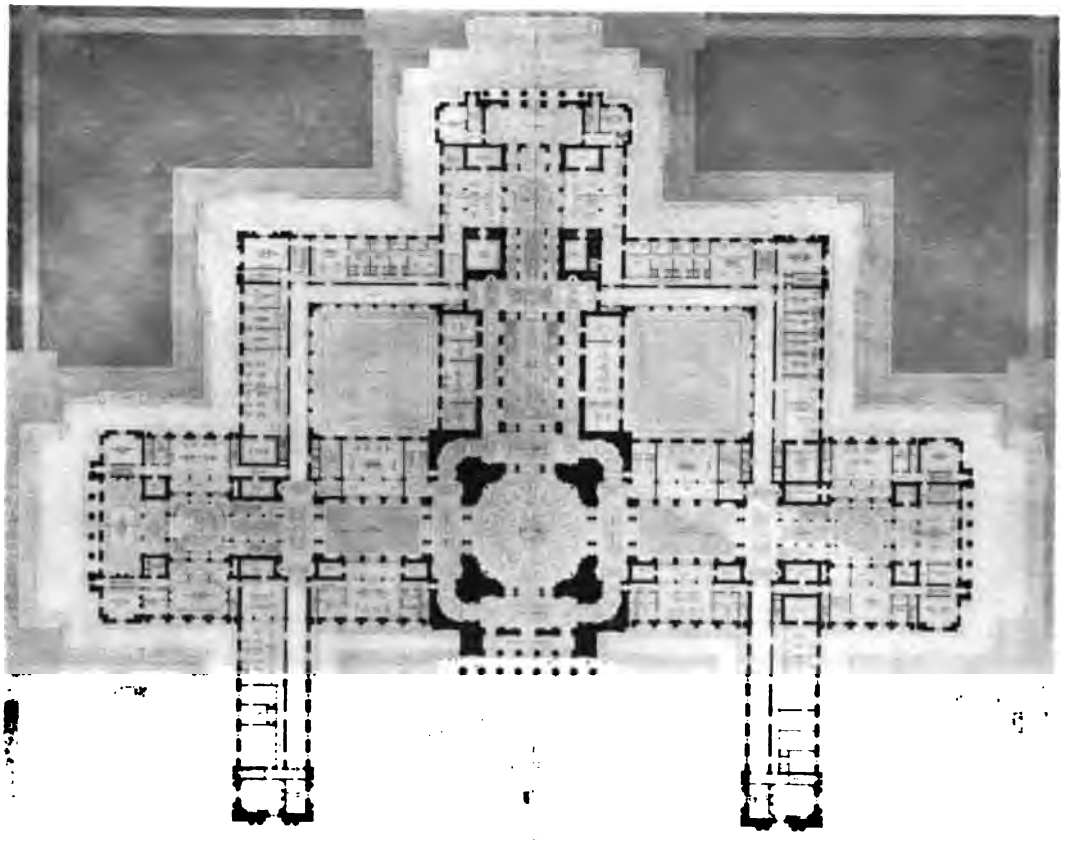
SKETCH—INTERIOR OF ST. MARK'S, VENICE
L. M. LEISENRING, Lutherville, Md.



Drawn by LIVINGSTON SMITH



GROTESQUES
College of the City of New York
GEO. B. POST, Architect



WISCONSIN STATE CAPITOL

DESIGN FOR WISCONSIN CAPITOL—FIRST FLOOR PLAN
CASS GILBERT, Architect, New York

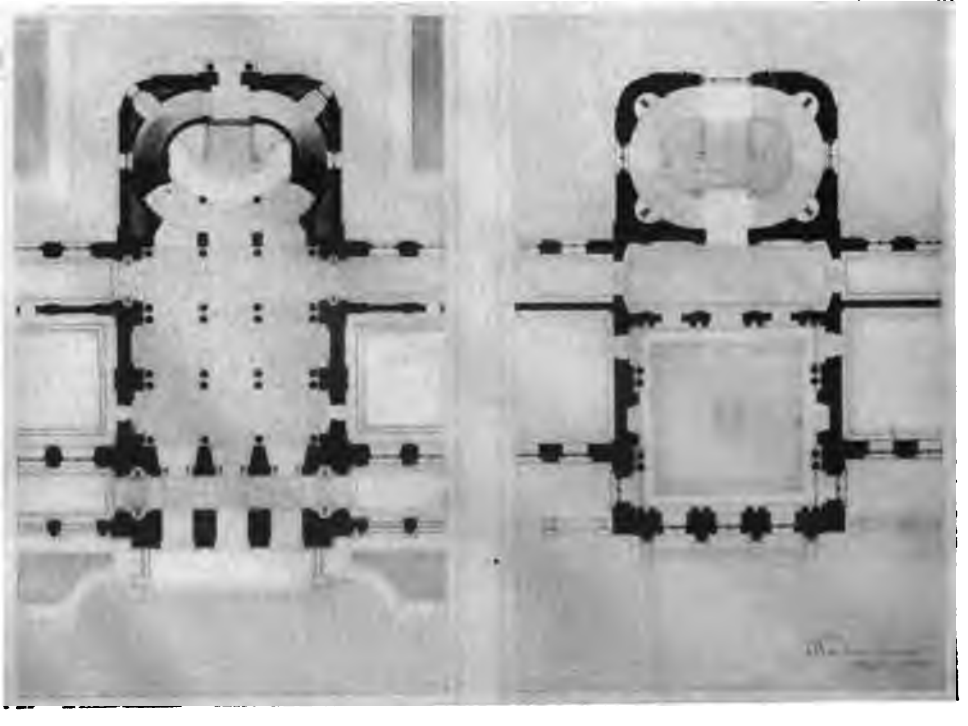
SKETCH FOR CHANCEL DECORATION—CHURCH IN BALTIMORE, MD.
NICOLA D'ASCENZO, Philadelphia and New York

THE CENTRAL MOTIVE OF A CITY HALL—ELEVATION

T. H. Ellett, University of Pennsylvania, Architectural Department

GRANADA

L. M. Leisenring, Lutherville, Md.



THE CENTRAL MOTIVE OF A CITY HALL

H. T. Ellett, University of Pennsylvania, Architectural Department

LEADED GLASS WINDOW, Ft. PITT BANK, PITTSBURGH, PA.
NICOLA D'ASCENZO, Philadelphia and New York

A HERMITAGE IN THE COUNTRY
Esquisse, Esquisse
WALTER T. KARCHER, Philadelphia

GREEK VASE, LOUVRE, MEASURED WORK

Ecole des Beaux Arts, Paris

Huger Elliott, Philadelphia

SKETCH—INTERIOR OF THE VILLA MADAMA, ROME

L. M. LEISENRING, Lutherville, Md.

EUROPEAN SKETCHES

L. M. LEISENRING, Lutherville, Md.

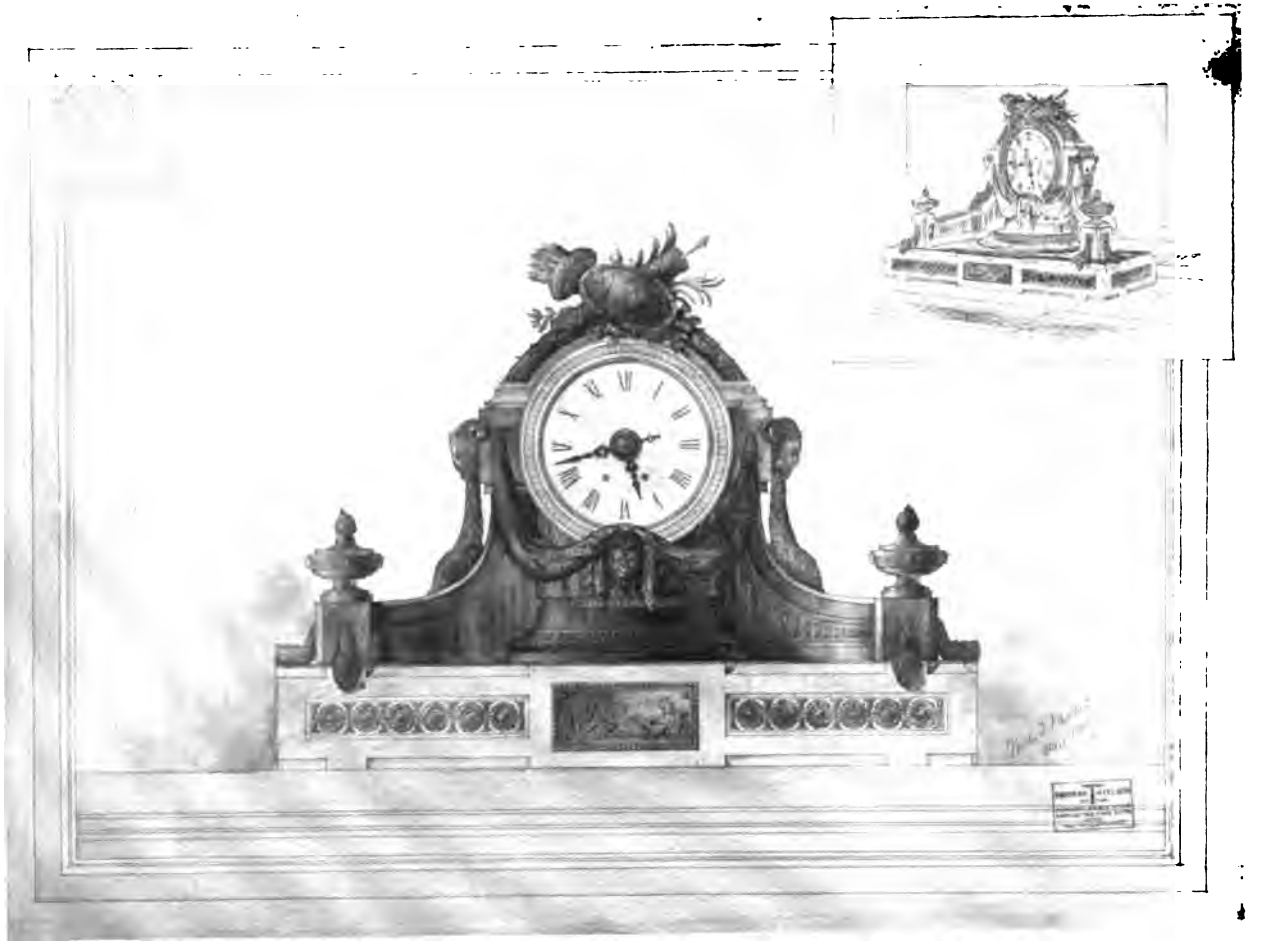
"IN THE TEMPLE"—COMPOSITION
HUGER ELLIOTT, Philadelphia

GRANADA

POMPEII

WM. L. WELTON, New York City

TABLE LAMP, FLORENTINE BRONZE
STERLING BRONZE CO., Philadelphia



CLOCK, STYLE OF LOUIS XVI—ARCHAEOLOGY

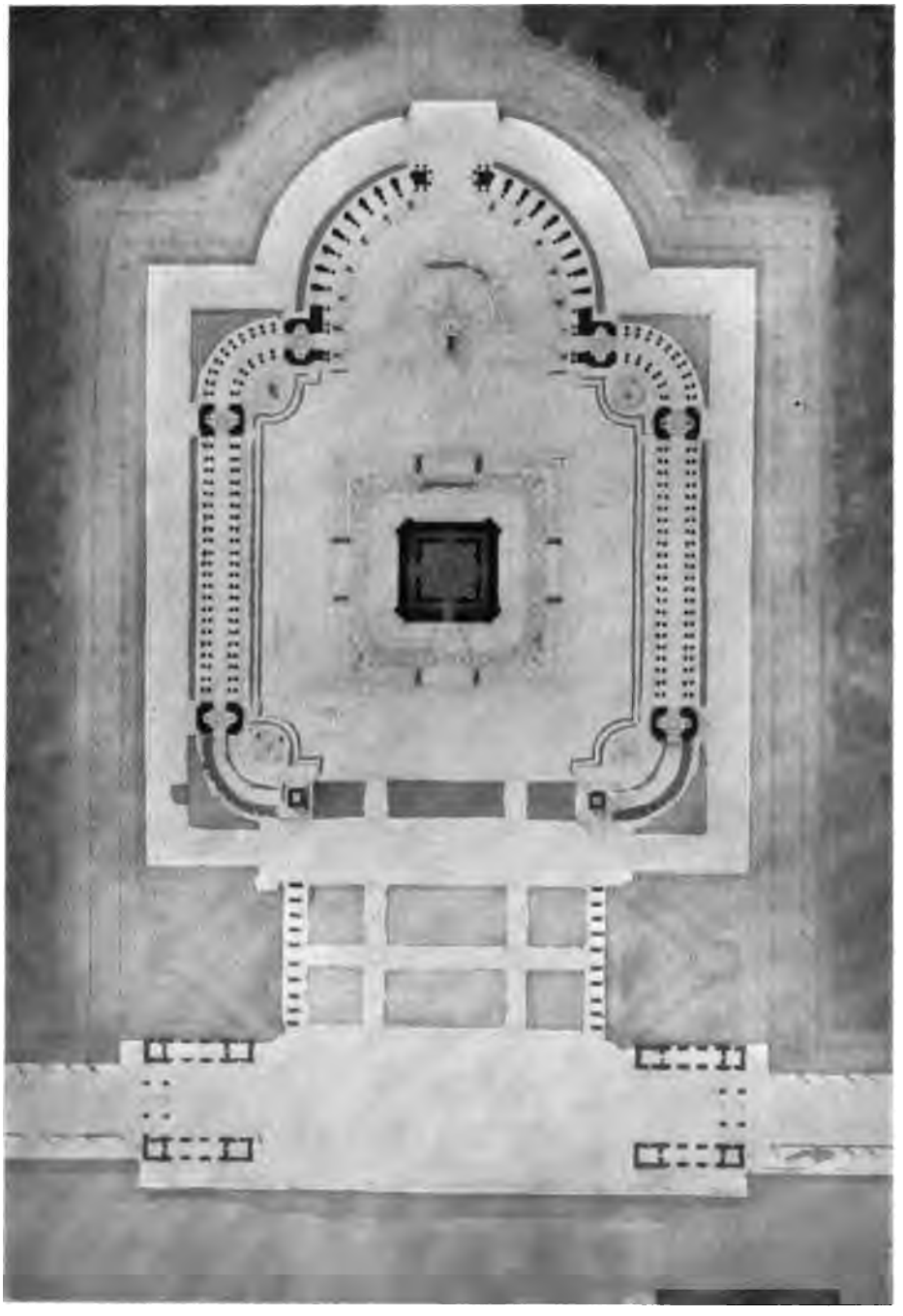
WALTER T. KARCHER, Philadelphia

PHOTOGRAPH OF STAINED GLASS WINDOW

HARRY E. GOODHUE, Cambridge, Mass.

CLOCK—ARCHAEOLOGY PROBLEM—STYLE LOUIS XVI
C. Edgar Cope, Philadelphia, Pa

"A COMPOSITION"
Huger Elliott, Philadelphia

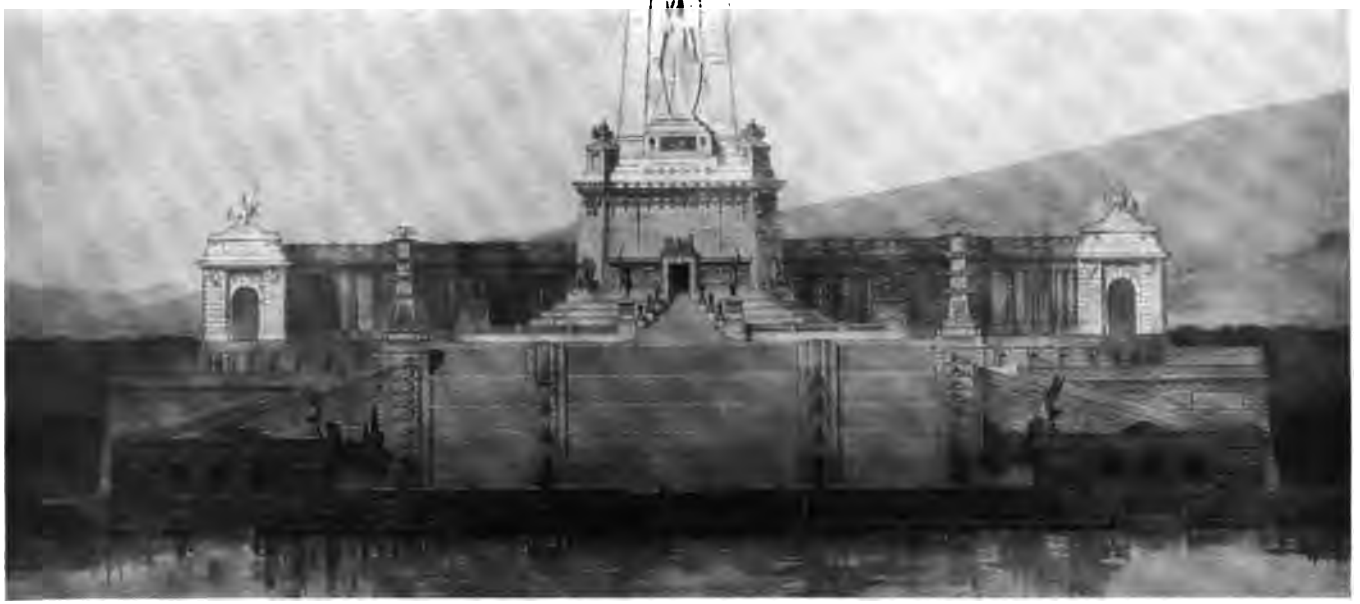


A COMMEMORATIVE MONUMENT—PLAN

(First Prize in the Competition)

C. E. Howell, John Stewardson Memorial School in Architecture

University of Pennsylvania



A COMMEMORATIVE MONUMENT—ELEVATION

First Prize in Competition, John Stewardson Memorial School in Architecture

C. E. Howell, University of Pennsylvania

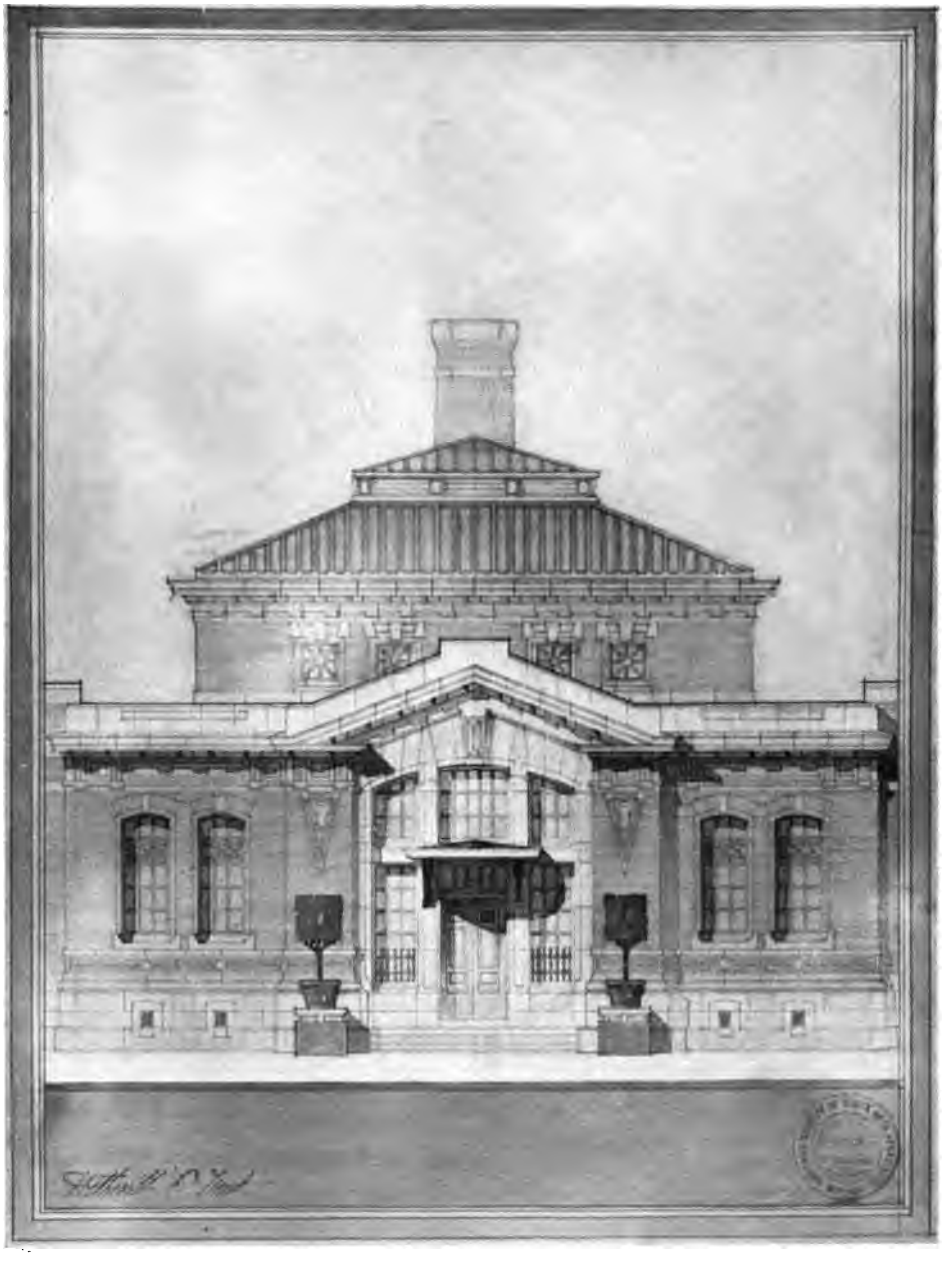
PHOTOGRAPH, BENSON MEMORIAL LIBRARY, TITUSVILLE, PA.
JACKSON & ROSENCRANS, Architects, New York City

HOUSE OF MR. ALBERT EASTWOOD, ROCHESTER, N. Y.
CLAUDE BRAGDON, Rochester, N. Y.

THE CHAPEL, CHATEAU OF AMBUISE

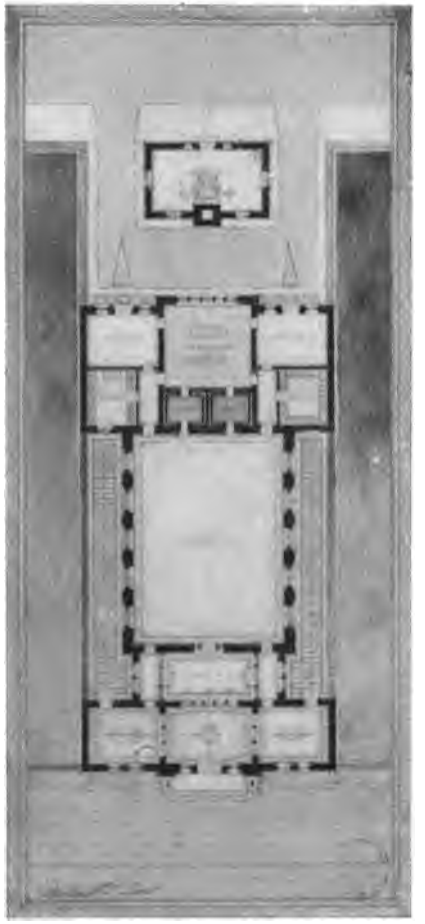
TOWER AT CAEN

RICHARD L. WATMOUGH, Pittsburg, Pa.



A MILK HOUSE

W. P. Trout, Philadelphia



A MILK HOUSE
W. P. .Trout, Philadelphia

PHOTOGRAPH OF STAINED GLASS WINDOW
Harry E. Goodhue, Cambridge, Mass.

SKETCHES—SPAIN

L. M. Leisenring, Lutherville, Md.

RESIDENCE AT BRYN MAWR, PA., FOR TRISTRAM C. COLKETT, ESQ.

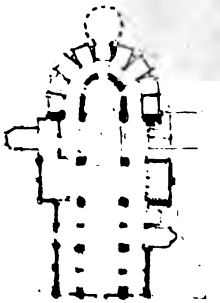
D. Knickerbacker Boyd, Philadelphia

SKETCH—INTERIOR OF ST. MARK'S, VENICE
L. M. LEISENRING, Lutherville, Md.

GATE OF JUSTICE, ALHAMBRA
GEO. OAKLEY TOTTEN, JR., Washington, D. C.

SKETCHES—ITALY

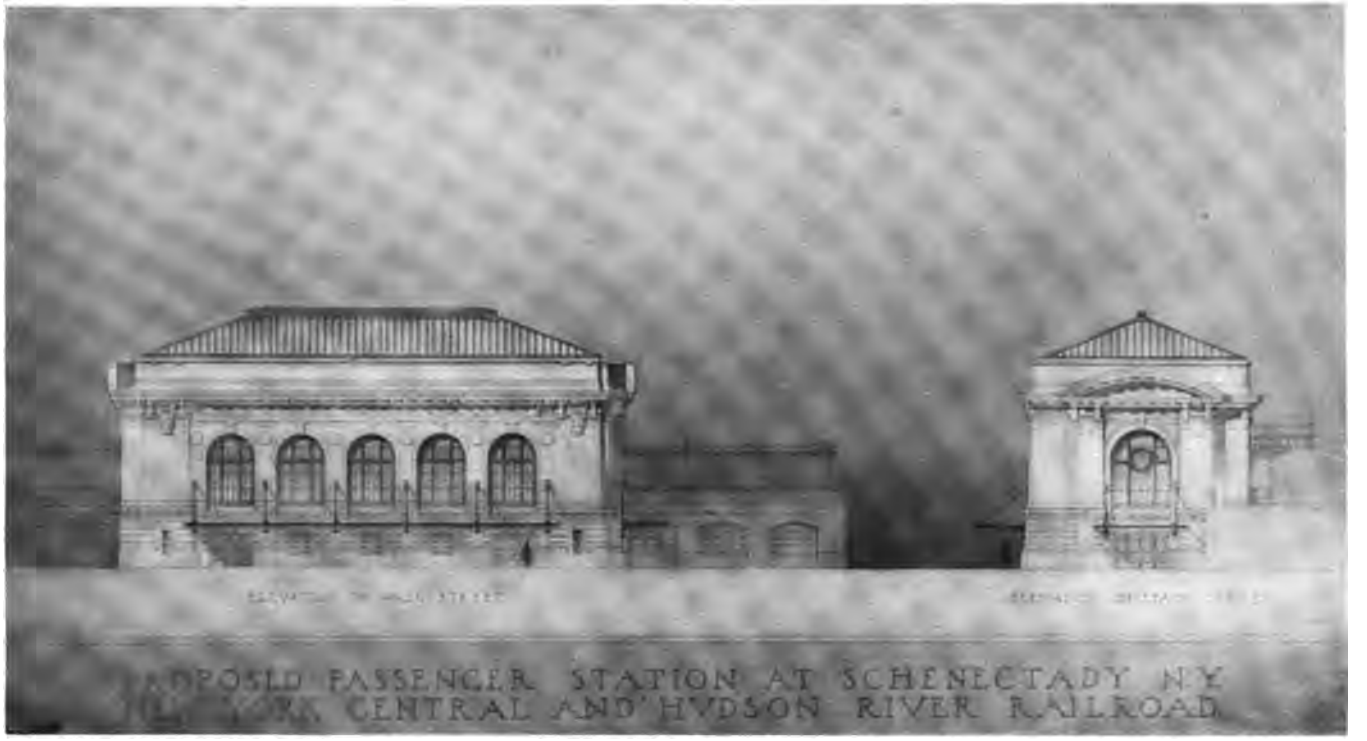
Wm. L. Welton, New York City



EUROPEAN SKETCHES

Wm. L. Welton, New York City

HALF TIMBERED HALL—EARLY ELIZABETHAN
F. Hopkinson Evans, Philadelphia



REED & STEM, Architects, New York City

CARTOON FOR LEADED GLASS WINDOW

Nicola D'Ascenzo, Philadelphia and New York

SKETCHES—INTERIOR OF CHURCH OF SAN FRANCESCO—ASSISI
L. M. LEISENRING, Lutherville, Md.

WYKAGYL COUNTY GOLF CLUB, NEW ROCHELLE, N. Y.
J. H. PHILLIPS, New York City

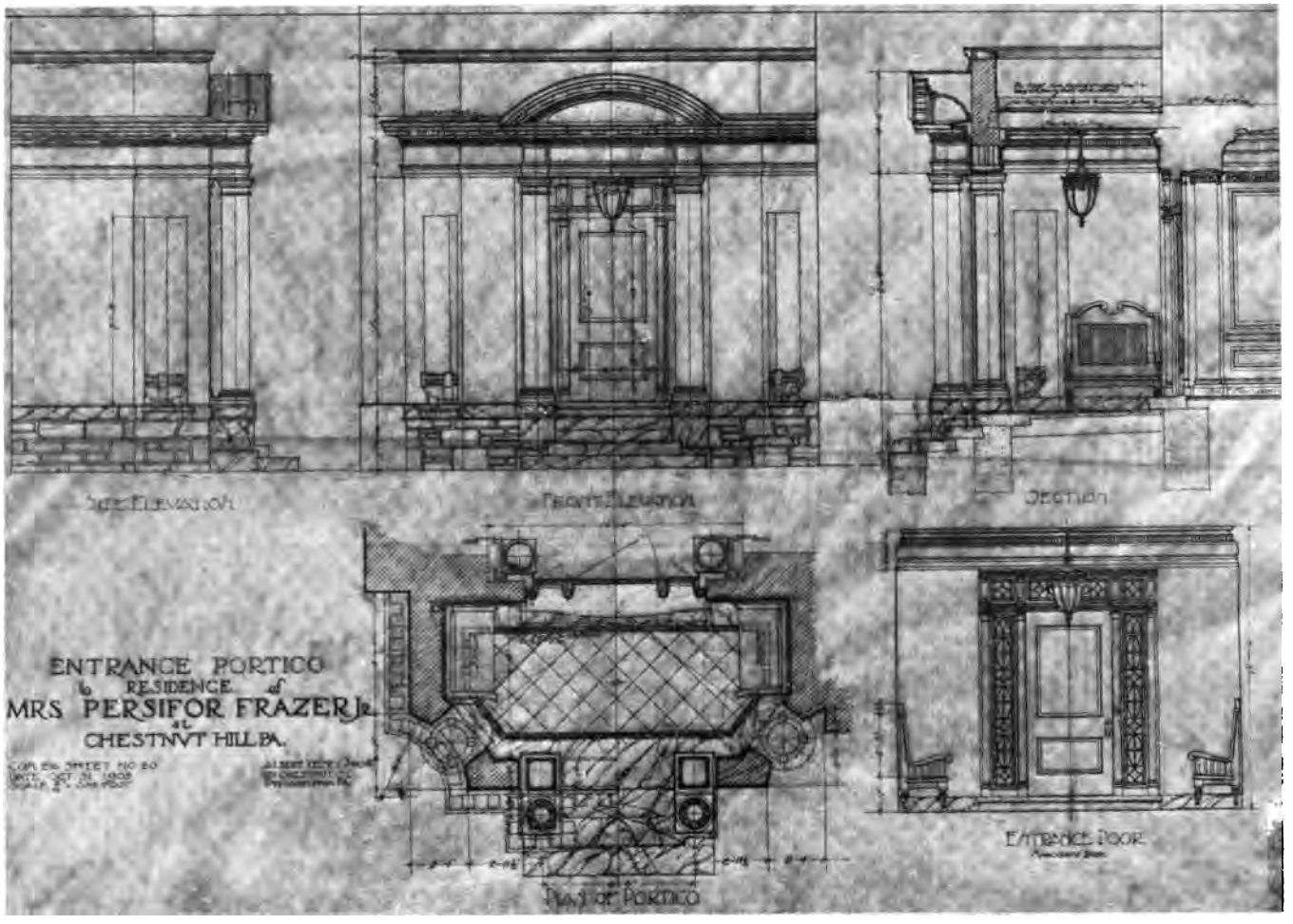
Drawn by Livingston Smith

GROTESQUES FOR THE COLLEGE OF THE CITY OF NEW YORK

Geo. B. Post, Architect, New York

LEADED GLASS WINDOW, THE ANGEL OF THE RESURRECTION

Nicola D'Ascenzo, Philadelphia and New York



ENTRANCE PORTICO, RESIDENCE OF MRS. PERSIFOR FRAZER, JR.
CHESTNUT HILL, PA.
ALBERT KELSEY, Architect, Philadelphia

COLOR STUDIES FOR OPENING OF THE ERIE CANAL, 1825
(THE MOHAWK VALLEY)
C. Y. TURNER, New York City

PHOTOGRAPH FROM FINISHED MURAL PAINTING
OPENING OF THE ERIE CANAL, 1825
(THE MOHAWK VALLEY)
C. Y. TURNER, New York City

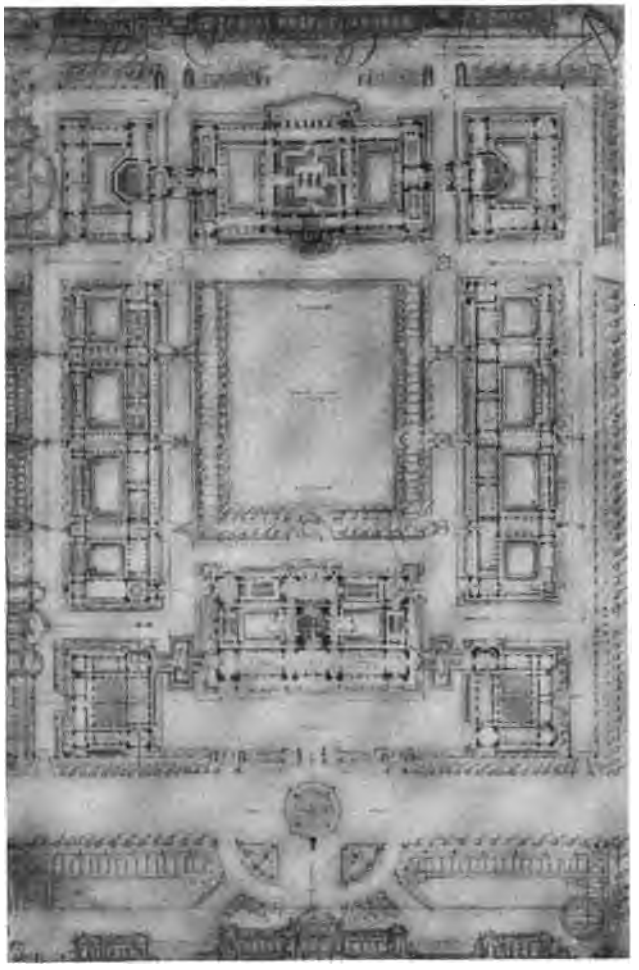
THE PROGRESS OF MAN
C. Y. Turner, New York City

SKETCH DECORATION FOR CHANCEL OF POLISH CHURCH
BRADDOCK, PA.
Nicola D'Ascenzo, Philadelphia and New York
John Comes, Architect, Pittsburgh

TRIUMPH OF MANHATTAN—MANHATTAN HOTEL, NEW YORK
C. Y. Turner, New York City

GROTESQUES
FOR THE COLLEGE OF THE CITY OF NEW YORK
Geo. B. Post, Architect, New York City

STUDY FOR BARTER WITH INDIANS FOR LAND IN SOUTHERN MARYLAND, 1634
C. Y. Turner, New York City



WARREN PRIZE—A SCHOOL OF TECHNOLOGY
Wm. E. Groben, Germantown, Pa.

THE DERRICK—PROPOSITION FOR MURAL PAINTING
F. Dana Marsh, Nutley, N. J.

MONUMENT TO BENJAMIN RUSH—WASHINGTON, D. C.
LOUIS R. METCALFE, Architect, New York City

BRONZE FIGURE LAMP SUPPORT
STERLING BRONZE CO., Philadelphia

LANTERN CARVED IN WOOD,
GILDED FOR COL. W. H. MORGAN, ALLIANCE, O.
STERLING BRONZE CO., Philadelphia

FRAGMENT—TRANSPORTATION

GUTZON BORGLUM, Sculptor, New York City

EVENING

SOLON BORGLUM, Sculptor, New York City

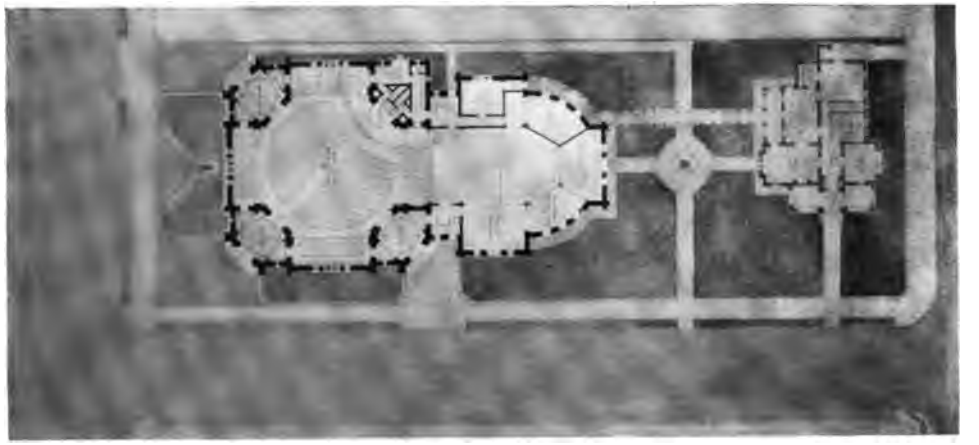
GARGOYLES—PRINCETON DORMITORIES, PRINCETON, N. J.
PAUL WIEHLE, Sculptor
BENJAMIN W. MORRIS, JR., Architect, New York City

GROTESQUES
FOR THE COLLEGE OF THE CITY OF NEW YORK
Geo. B. Post, Architect, New York City

ART BUILDING, ST. LOUIS
Photo of Seated Figure
Cass Gilbert, Architect, New York

COMPETITION FOR FIRST BAPTIST CHURCH, COATESVILLE, PA.—PERSPECTIVE

KEISKER & NICHOLSON, Architects, Philadelphia



COMPETITION FOR FIRST BAPTIST CHURCH, COATESVILLE, PA.
FIRST FLOOR PLAN
KEISKER & NICHOLSON, Philadelphia

"A TOURNAMENT IN THE MIDDLE AGES"
Frieze in Gymnasium, University of Chicago
FREDERIC CLAY BARTLETT, Chicago

GROTESQUES
FOR THE COLLEGE OF THE CITY
OF NEW YORK
Geo. B. Post, Architect, New York City

OFFICE BVILDING OF MORRIS ROSENBAVM ESQ
603-05 SOVTH THIRD STREET PHILADELPHIA
MAGAZINER AND POTTER ASSOCIATED ARCHITECTS

GROTESQUES
FOR THE COLLEGE OF THE CITY
OF NEW YORK
GEO. B. POST, Architect, New York City

CABINET FOR IVORY CARVINGS
WM. FRANCKLYN PARIS, New York City

GROTESQUES
FOR THE COLLEGE OF THE CITY
OF NEW YORK
GEO. B. POST, Architect, New York City

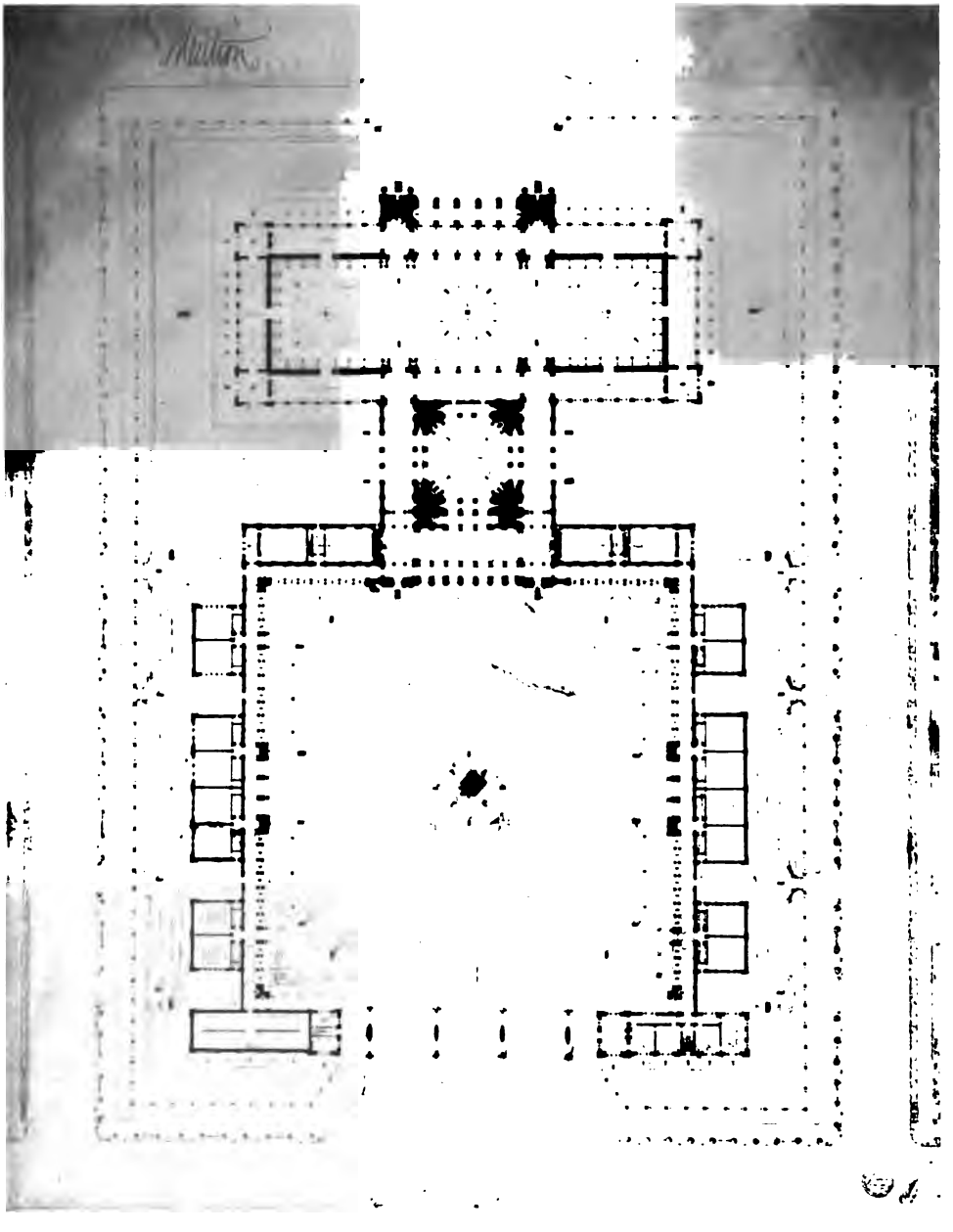
PROSPERITY

COURAGE

AGRICULTURE

FARMERS' DEPOSIT NATIONAL BANK, PITTSBURGH
J. MASSEY RHIND, Sculptor, New York City

AN INDIAN LOVE CHASE
SOLON H. BORGLUM, New York City



A SCHOOL OF FINE ARTS

WM. E. GROBEN, Germantown, Pa.
Third Holder of the Cresson Scholarship

MONUMENT TO COMMEMORATE THE FREEDOM OF CUBA—ELEVATION

CHAS. H. BAUER, Philadelphia

SPANDRELS
PRINCETON DORMITORY
BENJAMIN W. MORRIS, JR., New York City

GROTESQUE
GEO. B. POST, Architect

GRAND PLACE, BRUSSELS
L. M. LEISENRING, Lutherville, Md.

GROTESQUE
GEO. B. POST, Architect

MEASURED DRAWING

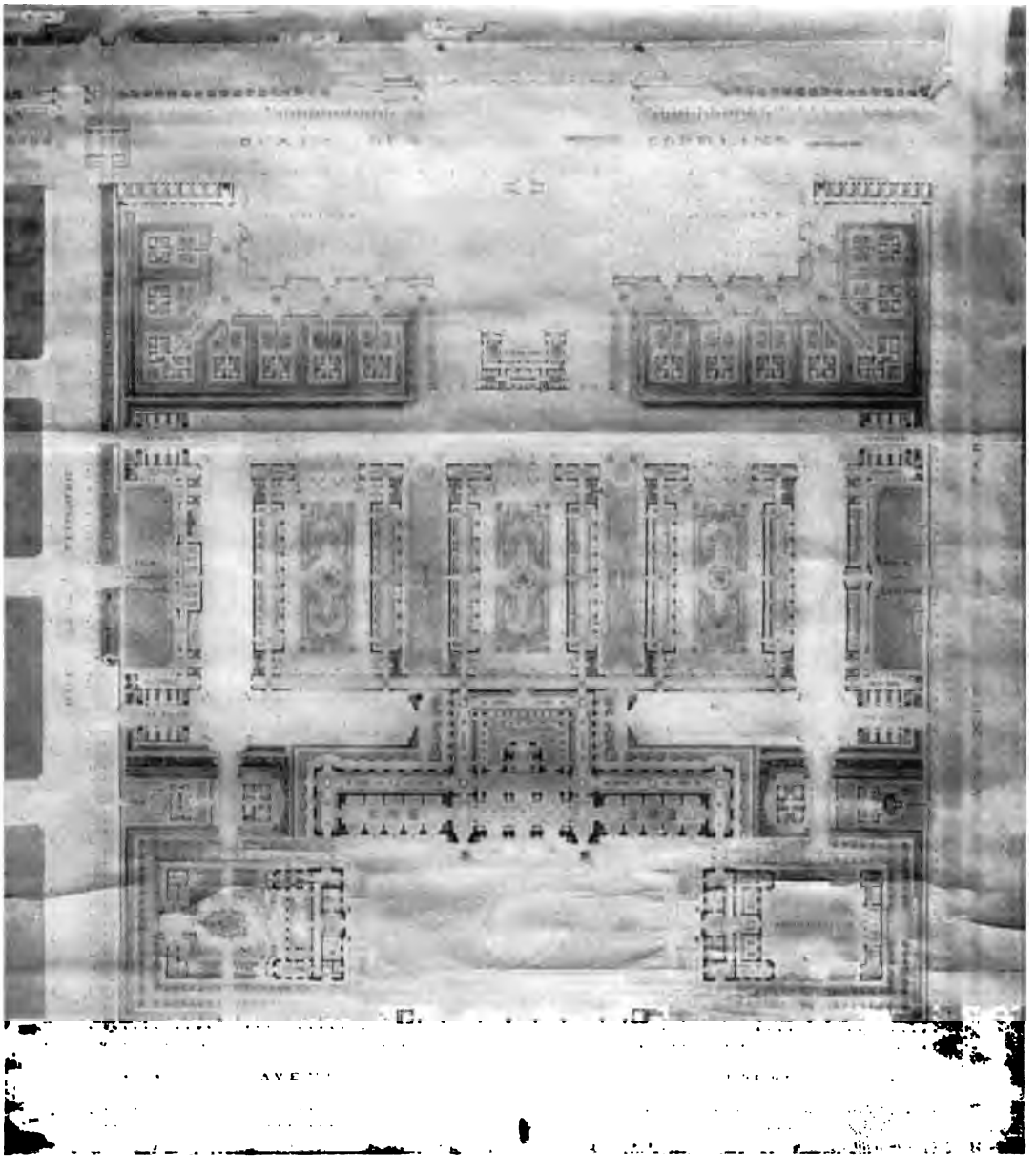
CHRISTIAN GEORGE SPOERL

Eighth Holder of John Stewardson Memorial Scholarship

GROTESQUES
Drawn by LIVINGSTON SMITH
GEO. P. POST, Architect

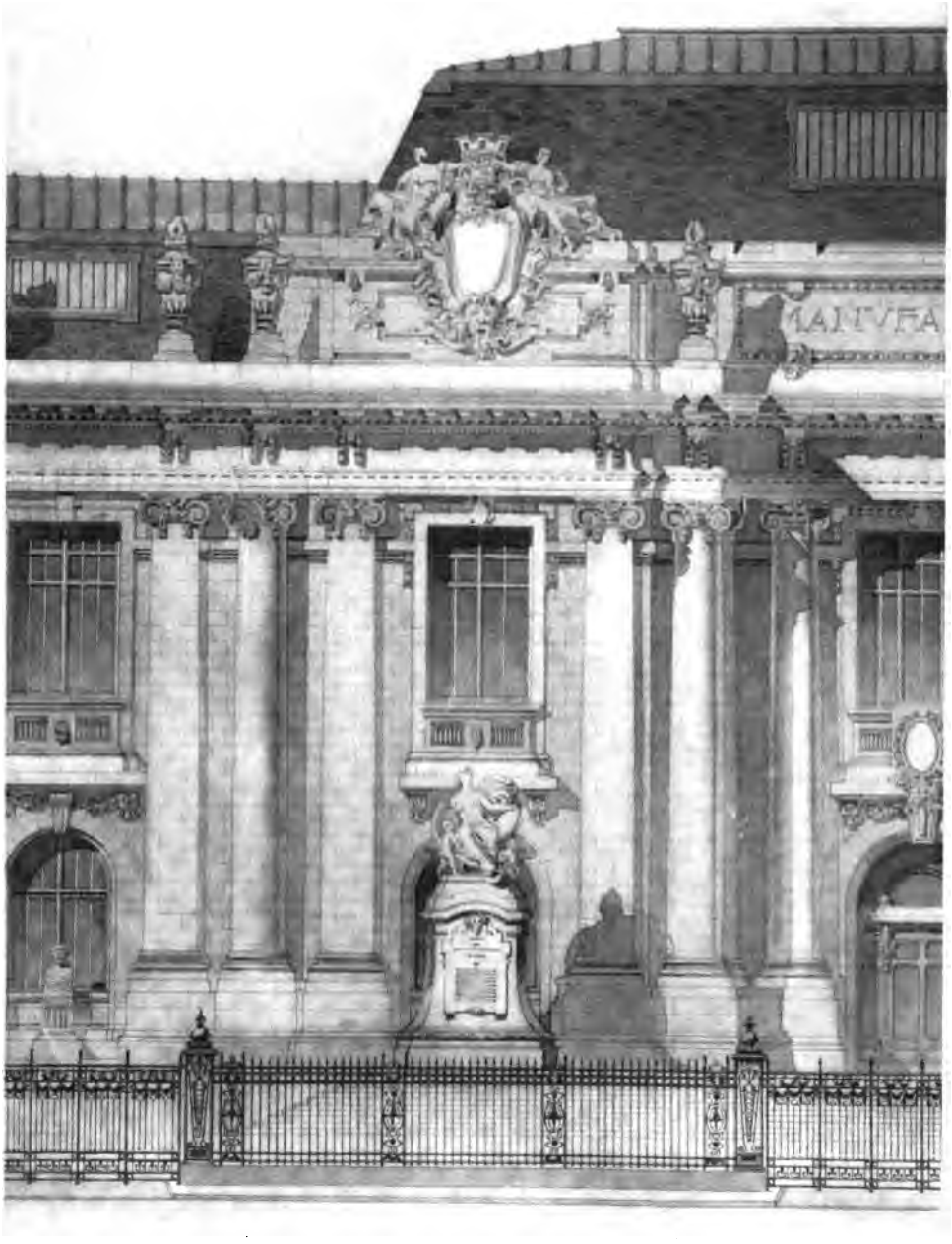
MEASURED DRAWING
CHRISTIAN GEORGE SPOERL

MEASURED DRAWING
CHRISTIAN GEORGE SPOERL



MANUFACTURE NATIONAL DES GOBELINS
Second Medal Grand Prix de Rome
Prof. Maurice J. Prevot, Cornell University

MANUFACTURE NATIONAL DES GOBELINS
Second Medal Grand Prix de Rome
Prof. Maurice J. Prevot, Cornell University



DETAIL OF MANUFACTURE NATIONAL DES GOBELINS

PROF. MAURICE J. PREVOT, Cornell University

CLASSIFIED LIST

OF

ADVERTISERS

ARCHITECTURAL WOOD WORK

PAGE.

Barber, John 217
Chapman Decorative Co.. 222
Hale & Kilburn Co., The.....164-165
Watson & Robinson 216

AUTOMATIC ENGINES

Burchfield Co., T. T..... 139
Rider-Ericsson Engine Co..... 180

ART METAL WORK

Jackson & Co., W. H.....136-137
Merritt & Co. 156-157
Richey, Browne & Donald 190
Sterling Bronze Co. 187
Yale & Towne Mfg. Co. 146-147

BLUE PRINTS.

Blumhard Blue Paper Co., C. A... 204

BOILERS

American Radiator Co. 184
Babcock & Wilcox Co., The..4th cover
Burchfield Co., T. T..... 139
Smith & Co., The H. B.....207

BRICK MANUFACTURERS AND DEALERS

American Enameled Brick & Tile Co. 182
Conway, Wm. 200
Dobbs, S. B. 208
Eastern Hydraulic-Press Brick Co. 195
Ketcham, O. W.....162-163
Kittanning Brick & Fire Clay Co.. 163
Sayre & Fisher Co. 202

BURLAPS

PAGE

Richter Mfg. Co. 209

CEMENTS

American Cement Co. 206
Borgner Co., Cyrus 203
French & Co., Samuel H.....158-159
Lehigh Portland Cement Co..... 184
Whitehall Portland Cement Co... 181

CHIMNEYS

Heinicke, H. R..... 191

CLOTHES DRYERS

Chicago Clothes Dryer Works 208

CONTRACTORS AND BUILDERS.

Appleton & Burrell 199
Ballinger & Co., R. C..... 219
Cornell & Sons, J. S..... 204
Glenn & Co., Geo. A. 208
Maguire, F. T..... 202
Mitchell Bros. 202
Seeds, Thomas M., Jr. 199
Wallace, Frank E..... 212
Whitehead, A. 217

CONDUCTOR PIPE

Berger Bros. Co. 198

CORNER BEADS

Merritt & Co. 156-157

DECORATORS AND FURNISHERS

Chapman Decorative Co. 222
D'Ascenzo Studios 139
Hale & Kilburn Co., The.....164-165

DOOR CHECKS

PAGE

Corbin, P. & F. 170-171
Reading Hardware Co..... 215

DOOR HANGERS

Lane Bros. 202

ELECTRICAL CONTRACTORS AND ENGINEERS

Buchanan & Co., J. F..... 219
Eckstein, Herman 198
Francis Bros. & Jellett, Inc.....142-143
Keller, Pike & Co..... 219

ELECTRIC SERVICE

Philadelphia Electric Co., The ..154-155

ELEVATORS

Morse, Williams & Co. 216
O'Neil Elevator Co. 217
Otis Elevator Co..... 216

ENAMELS

Rinald Bros. 185

ENGRAVING AND PLATE MAKING

Electro Tint Eng. Co..... 179

EXPANDED METAL

Merritt & Co. 156-157

FILTERS

Loomis-Manning Filter Co. 178

FIRE BRICKS AND CLAY RETORTS

Borgner Co., Cyrus 203
Ketcham, O. W.....162-163

FIREPLACE FITTINGS

PAGE

French & Co., Samuel H.....158-159

FIREPROOF BUILDING MATERIALS

Clinton Wire Cloth Co.....148-149
Ketcham, O. W.....162-163
Maurer, Henry & Son..... 138
Merritt & Co. 156-157
Oliver, Albert 148-149
Oliver & Burr 148-149
Roebling Construction Co., The 150-151
Trussed Concrete Steel Co..... 210
Unit Concrete Steel Frame Co... 199

FURNACES AND RANGES

Cox Stove Co., Abram.....190a-190b
Kelsey Heating Co.....160-161
Makin Heating Co.....160-161
Reynolds & Son, J..... 200
Spear Stove & Heating Co., James 205
Thomas, Roberts, Stevenson Co..152-153

FURNITURE AND ANTIQUES.

F. de B. Spiridon..... 184

GAS AND ELECTRIC FIXTURES.

Lloyd Garrett Co.....165-167
Sterling Bronze Co. 187

GLASS

Century Stained Glass Works, Ltd. 204
Heinigke & Bowen 211
Hires Turner Glass Co..... 203
Sealey & Co., H. E..... 182

HARDWARE MANUFACTURERS AND DEALERS

Corbin, P. & F. 170-171
Murta, Appleton & Co. 196
Reading Hardware Co. 215

HARDWARE MANUFACTURERS AND DEALERS (*Continued*)

PAGE

Russell & Erwin Mfg. Co.....144-145
Stanley Works, The 211
Yale & Towne Mfg. Co.....146-147

HEATING AND VENTILATING ENGINEERS AND CONTRACTORS

Bowers Bros. & Co. 189
Kelsey Heating Co.....160-161
Makin Heating Co.....160-161
Reynolds & Sons, J..... 200
Spear Stove & Heating Co., James 205
Thomas, Roberts, Stevenson Co. 152-153
Webster & Co., Warren 192

HINGES

Stanley Works, The 211

HORTICULTURAL ARCHITECTS AND BUILDERS.

Burnham-Hitchings-Pierson Co. 174-175

IRON, STRUCTURAL AND ORNAMENTAL

Adams & Co., Wm. 201
Jackson & Co., Wm. H.....136-137
Merritt & Co.....156-157
Richey, Browne & Donald..... 190

LIGHTING FIXTURES

Lloyd Garrett Co.....166-167
Sterling Bronze Co..... 187

MAIL CHUTES

Cutler Mfg. Co., The..... 139

MANTELS AND TILES.

French & Co., Samuel H.....158-159

MARBLES (IMITATION).

PAGE

American Art Marble Co..... 223
Mycenian Marble Co. 205

METAL LOCKERS

Merritt & Co. 156-157

METAL TILING.

Enameled Art Metal Co..... 198

MILL WORK

Watson & Robinson..... 216

MODELERS AND CARVERS

Whitman Co., Inc., J. Franklin..168-169

MURAL DECORATIONS

D'Ascenzo Studios..... 139

PAINTING, DECORATING AND PAPER HANGING

Black & Son Co., F. A..... 209
Chapman Decorative Co., The..... 222
Hale & Kilburn Co.. The.....164-165

PAINTS, OILS AND VARNISH

Berry Bros., Ltd..... 194
Bridgeport Wood Finishing Co.... 193
Chicago Varnish Co..... 172-173
Dixon Crucible Co., Jos..... 193
French & Co., Samuel H.....158-159
Lewis, John T. & Bros. Co..... 214
Lucas & Co., John..... 218
New Jersey Zinc Co..... 213
Nice, Eugene E..... 186
Rinald Bros. 185
Pratt & Lambert 179
Waterall & Co., Wm..... 217

PAPER MANUFACTURING

PAGE.

Dill & Collins Co..... 191

PIPE COVERING

Livezey, John R..... 212

PLUMBING

Leinau, Roberts 219

PLUMBING GOODS AND SANITARY SPECIALTIES

Haines, Jones & Cadbury Co., 224 and 3rd cover
Fleck Bros. & Co..... 203
McCambridge & Co..... 210
Mott Iron Works., J. L..... 180
Naturo Co., The 176-177
Peck Bros. & Co., The..... 200
Stambach & Love..... 206
Standard Sanitary Mfg. Co.....134-135
Trenton Potteries Co., The..... 197

PORCH COLUMNS

Hartmann Bros. Mfg. Co..... 212

PRISMATIC LIGHTING

American Three-Way Prism Co... 196

PULLEYS

American Pulley Co.....140-141

PUMPING ENGINES

Burchfield Co., T. T..... 139
Rider Ericsson Engine Co..... 180

RADIATORS

PAGE

American Radiator Co..... 184
Smith & Co., The H. B..... 207

ROOFING MATERIALS

American Sheet and Tin Plate Co.. 186
Bennett, Edwin, Roofing Tile Works 163
Berger Bros. Co..... 198
Follansbee Bros. Co..... 221
Ketcham, O. W.....162-163
McClure Co., The 183
Warren Chemical & Mfg. Co..... 186
Warren-Ehret Co..... 191

RUBBER TILING (INTERLOCKING)

New York Belting & Packing Co... 207

SASH CHAINS

Smith & Egge Mfg. Co..... 204

SASH CORDS

Sampson Cordage Works..... 201
Silver Lake Co..... 209

SASH PULLEYS

American Pulley Co.....140-141

SHINGLE STAIN

Cabot, Samuel 222
Dexter Bros. Co. 203
French & Co., Samuel H.....158-159

STAINED AND DECORATIVE GLASS

Century Stained Glass Works, Ltd.. 204
D'Ascenzo Studios 139
Hires Turner Glass Co..... 203
Sealey & Co., H. E..... 182

STALL FLOORS

PAGE

Adams & Co., Wm..... 201

STEAM TRAPS

Watson & McDaniel Co..... 185

STONE DEALERS AND CONTRACTORS

Gray & Sons, Wm. 184a

TERRA COTTA

Conkling-Armstrong Terra Cotta Co 220
Galloway, Wm. 189
Ketcham, O. W.....162-163
Maurer, Henry & Son..... 138
Perth Amboy Terra Cotta Co..... 206

TILES

American Enameled Brick & Tile Co 182
French & Co., Samuel H.....158-159
Hartford Faience Co. 209

WALL BOARDS

Sackett Wall Board Co..... 179

WALL COATING

PAGE

French & Co., Samuel H.....158-159

WALL COVERING

Richter Mfg. Co..... 209

WALL PLASTER

French & Co., Samuel H.....158-159

WALL TIES

French & Co., Samuel H.....158-159

WEATHER STRIPS

Chamberlin Metal Weather Strip Co 201

WINDOW SCREENS

Burrowes Co., The E. T..... 133
Higgin Mfg. Co..... 188

WIRE LATH

Oliver, Albert 148-149
Oliver & Burr.....148-149
Clinton Wire Cloth Co.....148-149

Architects

Write us for details of construction and estimates for

BURROWES

Rustless

Insect Screens

MADE ONLY TO ORDER

For City and Suburban Residences
Office Buildings, Hotels, Libraries, Etc.

QUALITY

IS the winning feature of Burrowes Screens;—quality of material, construction and finish;—quality that means the handsomest screens, the most durable screens, the most economical screens that are used. This unmatched record of quality has made

BURROWES RUSTLESS SCREENS

THE STANDARD OF THE WORLD

Sent on Trial We pay freight Estimates furnished, gratis

The E. T. BURROWES CO.

PHILADELPHIA OFFICE: 707 REAL ESTATE TRUST BUILDING

A. E. SNOWMAN, MANAGER

"Standard"

PORCELAIN ENAMELED WARE

The Butterick Building is the home of the famous trio of Butterick Magazines, namely, the DELINEATOR, the DESIGNER, and the NEW IDEA. It is a handsome modern structure, equipped throughout with "Standard" Ware. A large number of the fixtures were made to order to meet the requirements of this mammoth printing plant. All the fixtures are giving perfect satisfaction.

"Standard" ware is the preferred equipment of all discriminating property owners the world over. Insist that every fixture bears our "Green and Gold" guarantee label.

Standard Sanitary Mfg. Co.

PITTSBURGH, U. S. A.

"Standard"

"COPLEY" LAVATORY WITH ALTON FITTING

"Standard" Porcelain Enameled Lavatories are typical of all that is best in this class of sanitary equipment. They are the outcome of thirty years' manufacturing experience and true to our trade mark, are superior to all others in design and durability.

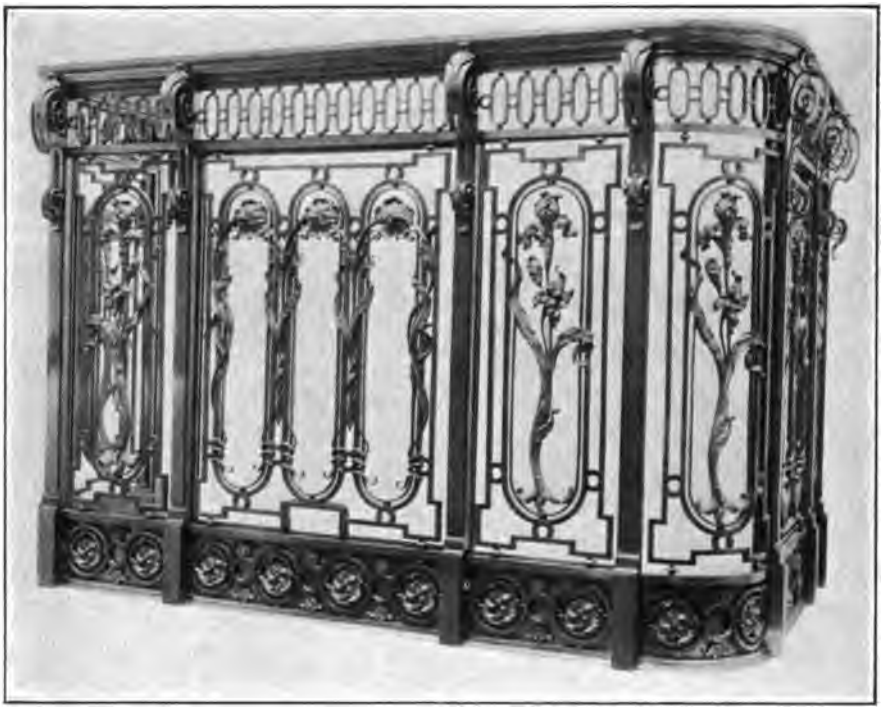
The "Copley" lavatory is but one of our many elegant and unequaled one-piece lavatories. Our line is extensive and varied to meet the demands of all classes of building construction.

All our fixtures meet the exacting requirements of modern sanitation better than any others made and also satisfy all limitations of cost.

Our entire output of "Standard" Porcelain Enameled Ware is exhibited in our new, 500-page, general catalogue "P". This catalogue is conceded to be the most refined and complete ever published, and applications are invited from architects not already supplied with a copy.

Standard Sanitary Mfg. Co.

PITTSBURGH, U. S. A.



BRONZE COUNTER SCREEN—HOTEL ST. REGIS, NEW YORK CITY
TROWBRIDGE & LIVINGSTON, Architects

Made by

WM. H. JACKSON COMPANY

Union Square, 29 East 17th Street, New York City

Also, 163 Michigan Avenue, Chicago, Ill.

ARTISANS IN ALL METALS

Rich Wrought and Cast Metal Work of Every Description

MANTELS	TILES	OPEN FIREPLACES
ANDIRONS	FIRE SETS	FIRE SCREENS

Foundries and Shops: Nos. 229-239 West 28th Street

BRONZE ENTRANCE DOOR
RESIDENCE OF GEORGE W. VANDERBILT, ESQ., NEW YORK CITY
HUNT & HUNT, Architects

Made by

WM. H. JACKSON COMPANY

Union Square, 29 East 17th Street, New York City

ARTISANS IN ALL METALS

FIRE AND WATER TEST

OF A

HERCULEAN TERRA COTTA FLOOR

Clear span between walls 18 ft. 0 in.,
(without Steel Beams.)

TEST MADE FOR AND CONDUCTED BY

PHILADELPHIA BUILDING DEPARTMENT

Fired continuously for five hours, averaging 1930 deg. Fahr. for four hours. Weighted with 600 lbs. per sq. ft. The results shown, same being entirely satisfactory to the Building Department and approved by them.

MANUFACTURED BY

HENRY MAURER & SON

PHILADELPHIA
Pennsylvania Building

NEW YORK
420 E. 23d Street

Send for Catalogue

THE ✣ D'ASCENZO ✣ STUDIOS

ECCLESIASTICAL · AND
DOMESTIC · STAINED
AND · LEADED · GLASS

MVRAL · DECORATIONS
FOR · CHVRCHES · AND
PVBLIC · BVILDINGS

1608-10 · LVDLOW · ST. · PHILADELPHIA

THE CUTLER MAILING SYSTEM

BEING EXPLICITLY AUTHORIZED BY THE POST OFFICE DEPARTMENT UNDER PROVISION OF AN ACT OF CONGRESS, IS A PART OF THE POSTAL SYSTEM AND LETTERS DEPOSITED IN IT ARE LEGALLY "MAILED."

IT SHOULD BE SPECIFIED BY NAME WHERE THE STANDARD AUTHORIZED MAIL CHUTE EQUIPMENT IS DESIRED.

DESIGNATE "MODEL C" IF THE VERY LATEST AND BEST FORM AS ILLUSTRATED HEREWITH IS REQUIRED. INTERIOR UNDER GOVERNMENT LOCK, BUT INSTANTLY ACCESSIBLE TO AUTHORIZED PERSONS.

CIRCULARS, WITH SPECIFICATION FORMS, DETAIL SHOWING SPACE OCCUPIED, ILLUSTRATIONS OF VARIOUS STYLES OF SPECIAL U. S. MAIL BOXES, ETC., WILL BE SENT ON APPLICATION TO THE SOLE MAKERS AND PATENTEES,

THE CUTLER MANUFACTURING CO.
CUTLER BUILDINGS, ROCHESTER, N. Y.

MODEL O.

BOTH PHONES

T. T. BURCHFIELD CO.

Corliss and Automatic Engines
Horizontal and Water Tube Boilers
Exhaust Feed Water Heaters
Air Compressors and Triplex Pumps
Steam and Oil Separators—Exhaust Heads
Gas and Gasoline Engines

830 PERRY BUILDING, PHILADELPHIA, PA.

AMERICAN

ALL-WROUGHT

SASH PULLEYS

These new and elegant designs (covered by U. S. Patents), constitute the finest product ever offered to the public.

The WHEELS and CASES are made of *Wrought Steel* with Lacquer or Bronze finish. They are also made partially or wholly of Wrought Brass.

Samples and prices upon application.

THE AMERICAN PULLEY CO.

29th and BRISTOL STREETS

PHILADELPHIA, PA.

SEE OPPOSITE PAGE

TRINITY BUILDING, NEW YORK
F. H. KIMBALL, Architect
12,000 AMERICAN STEEL PULLEYS USED IN THIS BUILDING
SEE OPPOSITE PAGE

FRANCIS BROS. & JELLETT, INCORPORATED

Engineers

PHILADELPHIA ∴ ∴ NEW YORK

PREPARE PLANS AND SPECIFICATIONS FOR
AND SUPERINTEND THE CONSTRUCTION OF

STEAM POWER AND ELECTRIC GENERATING PLANTS ¶ HEATING AND VENTILATION ¶ SPRINKLER SYSTEMS FOR PROTECTION AGAINST FIRE ¶ PASSENGER AND FREIGHT ELEVATORS ¶ GARBAGE CREMATION ¶ REFRIGERATING SYSTEMS ¶ COAL AND ASH HANDLING APPARATUS ¶ WATER SUPPLY, ETC. ∴ ∴ ∴ ∴ ∴ ∴

COVERING THE COMPLETE MECHANICAL
EQUIPMENT OF BUILDINGS

U. S. COURT AND POST-OFFICE BUILDING, INDIANAPOLIS, IND.

RANKIN & KELLOGG, Architects, Philadelphia, Pa. JAS. KNOX TAYLOR, Supervising Architect of the Treasury

FRANCIS BROS. & JELLETT, INC. Engineers

FRENCH HARDWARE

We are the exclusive American agents for the celebrated hardware firm of MAISON-FONTAINE OF PARIS.

The workmanship and designs of these goods are of the very highest grade and the different Architectural Periods are carried out with such fidelity as to detail that the leading Architects are using these goods to obtain the harmony so necessary to the lasting satisfaction of the owner.

Samples consisting of Locks, Cremorne Bolts, Lever Handles, Escutcheons, Door Knockers, Hinges, Push Plates, Butts, etc., can be seen at any of our offices.

RUSSELL & ERWIN MFG. CO.

Hardware Manufacturers

Factory, NEW BRITAIN, CONN.
PHILADELPHIA, 1430 Chestnut St.
NEW YORK, 26 W. 26th St.
CHICAGO, 22 Lake St.

EXAMPLES OF DOOR KNOCKERS
RUSSELL & ERWIN MANUFACTURING CO.

SEE OPPOSITE PAGE

THE architect, busy with plans for a new building,

public or private, who carries out his own best ideas in good art and good architecture, will find a specific inspiration in the designs comprised in the term "Yale Hardware."

Two motives animate us in our work.

One has been to produce the safest Lock that can be devised.

The other is to produce accessory Builders' Hardware of such character and design that the architect may find among these designs that which goes rightly with his plan.

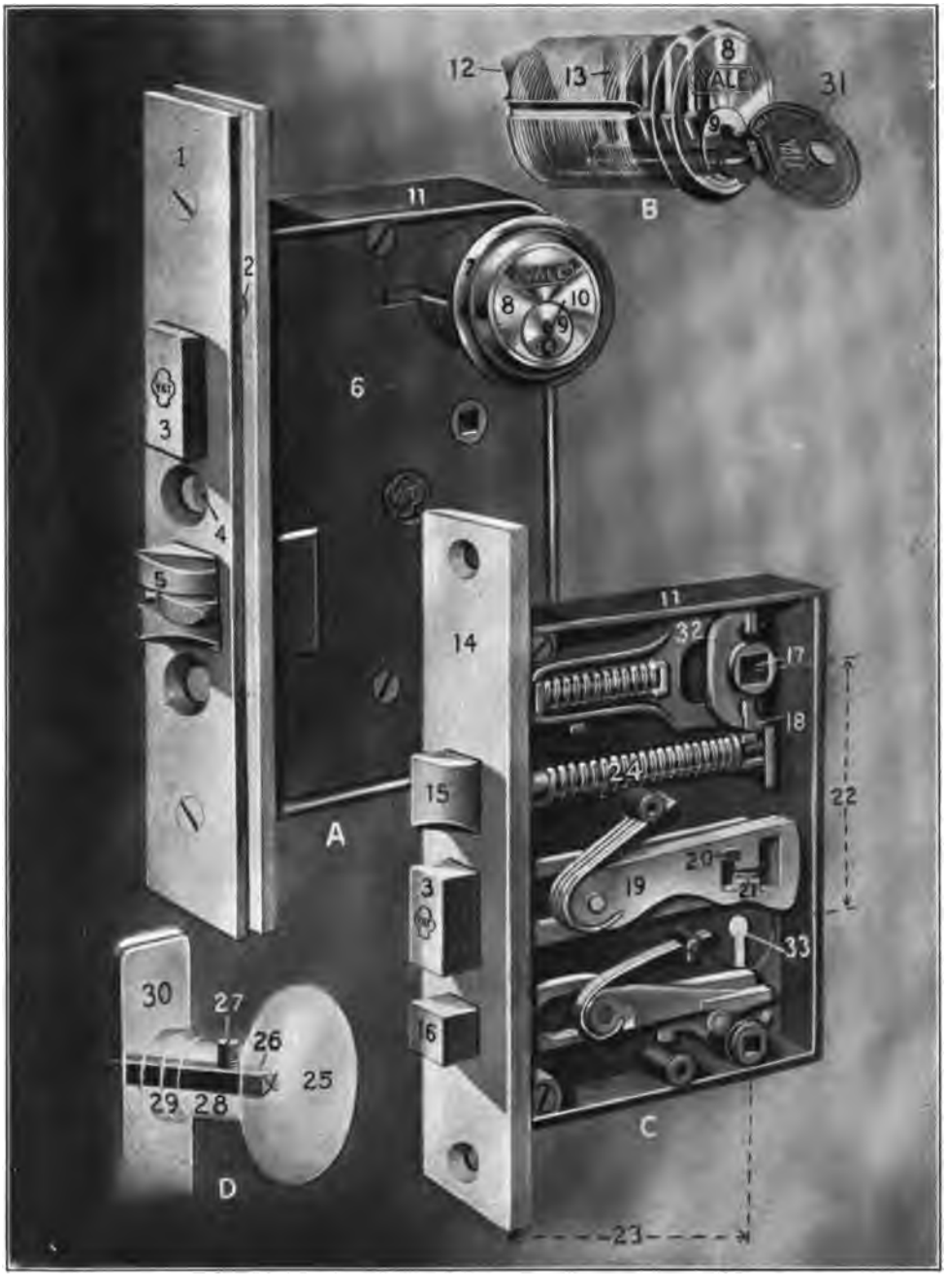
Printed matter of interest to architects, or to those who contemplate building, will be sent on request

The Yale & Towne Mfg. Co.

Local Office

Nos. 629 and 630 Witherspoon Building
Philadelphia

New York Chicago Boston San Francisco



YALE & TOWNE BUILDERS' LOCKS AND THEIR DETAILS

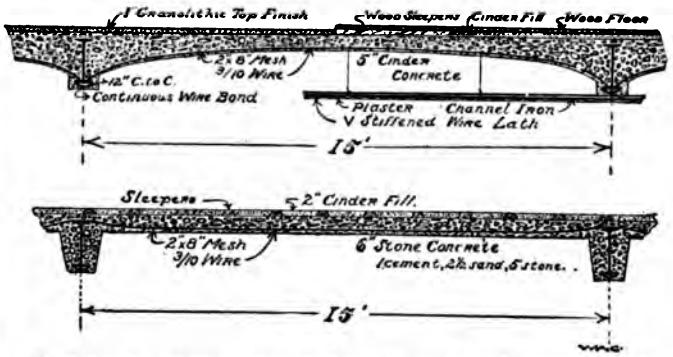
A Catalogue containing a Glossary of Technical Terms will be sent Architects on request

SEE OPPOSITE PAGE

Floors

Roofs

NOTE CONTINUOUS BOND



Flat arch stone concrete: 1 cement, 2½ sand, 5 stone. Tested for Bureau of Buildings of New York and approved for load of 150 lbs. per square foot, factor of safety of ten.

The Clinton Fireproofing System of Reinforced Concrete

ALL FABRICS GALVANIZED

ALBERT OLIVER, 150 Nassau Street, New York City

CLINTON WIRE LATH

Stiffened and Plain, Galvanized and Japanned, for Walls, Ceilings, Partitions and Ornamental Furrings. Also every kind of Wire Cloth and Netting and Perforated Metal.

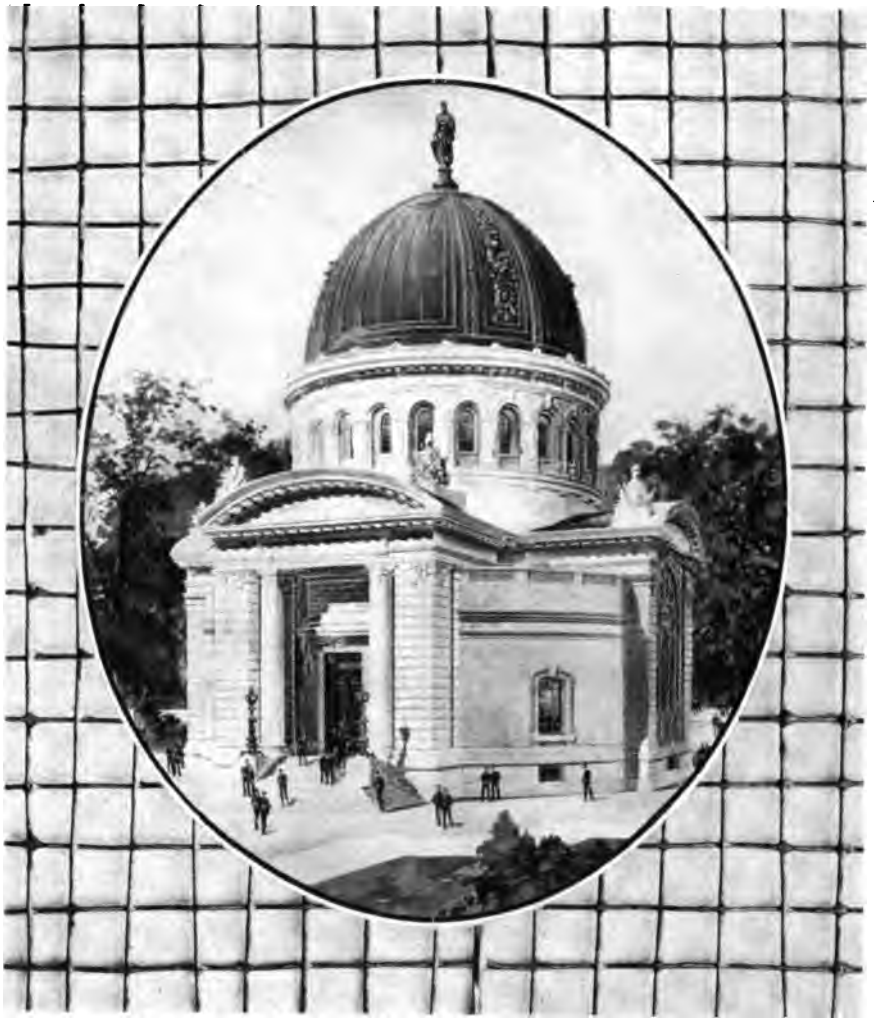
CLINTON WIRE CLOTH CO., 33 Park Place, New York City

Ceilings

Partitions

San Francisco Cal. | New York 150 Nassau St. 33 Park Pl. | Chicago 237 E. Lake St.

Boston, Mass. | Clinton, Mass.



THE MAINE MEMORIAL CHAPEL,
U. S. NAVAL ACADEMY
ANNAPOLIS, MD.

ERNEST FLAGG, Architect

Clinton Wire Lath used in all Academy Buildings

OLIVER & BURR

CONTRACTORS FOR STEEL FURRING AND LATHING

PHILADELPHIA BALTIMORE NEW YORK

ROEBLING CONSTRUCTION COMPANY

1416 LAND TITLE BUILDING

PHILADELPHIA, PA.

FIRE-PROOFING

BELL AND KEYSTONE PHONES

The Roebling System is now being installed in the New Wanamaker Building, the largest fire-proof building in the world.

ACTIVE FORTUNE RANGES

NOT THE CHEAPEST BUT BY LONG ODDS THE BEST

Made in 14, 16, 18, and 20 inch ovens.
Perfect in construction and operation.

Especially attractive designs and ornamentation.
Thoroughly good in every particular.

A catalogue showing a variety of styles will gladly be mailed, on request.

THOMAS, ROBERTS, STEVENSON CO. **PHILADELPHIA, PA.**

SPECIALTY AND ACTIVE FORTUNE FURNACES

SPECIFY THIS FURNACE FOR PARTICULAR PEOPLE

None better made and none so heavy.
Eight sizes with steel radiators.

Seven sizes with cast iron radiators.
ACTIVE FORTUNE made in six sizes.

Special catalogues and booklets on "House Warming" that it will pay you to write for.

THOMAS, ROBERTS, STEVENSON CO. **PHILADELPHIA, PA.**

THE building illustrated upon the opposite page receives current for all its lighting and power requirements aggregating 17 Arc Lamps 150 Horse Power and 4000 incandescent lamps—from The Philadelphia Electric Company.

It is only one of a great many large installations that have discovered Central Station Service to be better in every particular than private plant operation.

In response to a special offer which we have been making during the past year we have received inquiries from a great many power users representing various types of light and power installations.

At their request we have made careful, painstaking investigations and tests of their power plants. Our Engineers have given these people their time and advice, and we have not charged them one cent for expert opinions for which Consulting Engineers would have charged hundreds of dollars.

During the past twelve months, as a result of this special work, we have closed contracts for power varying from five to several hundred horse power per installation and aggregating more than six. thousand horse power.

We obtained this business because we proved that Electric Power with current from the Philadelphia Electric Company was more economical, more efficient, more reliable than their previous supply.

We are giving you facts—proven, established facts—not theory.

For the sake of economy—in the interest of the City Beautiful, which the smoke nuisance, resulting from private plant operation, is destroying—every Architect or Builder should acquaint himself with our proposition before specifying an isolated plant.

Shall we send you one of our free booklets on Electric Power?

THE PHILADELPHIA ELECTRIC COMPANY

Tenth and Sansom Streets

Both Phones

THE ARCHITECTURAL VALUE
OF A BUILDING IS ALWAYS ENHANCED BY THE USE OF ELECTRICITY.
THE ABOVE IS A REPRODUCTION OF A PHOTOGRAPH
TAKEN AT NIGHT!
ARCHITECTS SHOULD SPECIFY CENTRAL STATION SERVICE.

SEE OPPOSITE PAGE

MERRITT & COMPANY

1022-1030 RIDGE AVENUE

PHILADELPHIA

Expanded Metal

Reinforced Concrete Construction

Metal Corner Beads

Structural and Ornamental Iron Work

Fire Escapes

Expanded Metal and Wire

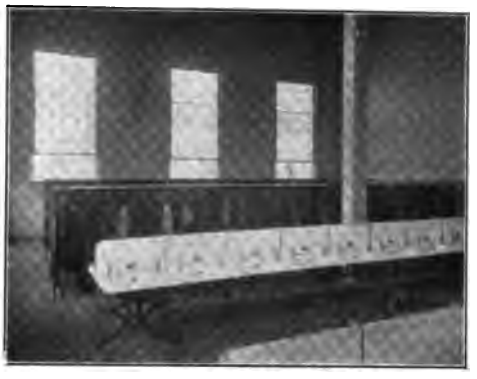
Screens and Inclosures

Sewage Disposal Apparatus

Metal Lockers

(SEE OPPOSITE PAGE

LOCKERS



AND

Material Closets

OF

EXPANDED METAL

or sheet steel made in single or double tier.

Metal Shelving,
SCREENS
TOOL ROOM
and Machinery
GUARDS and
INCLOSURES

SANITARY, well-ventilated and easily cleaned. For Gymnasiums, Colleges, Clubs. Manufacturers use them in shops and offices.

MERRITT & COMPANY

1022 to 1030

Ridge Avenue

PHILADELPHIA

WORKS, CAMDEN, N. J.

DEXTER PORTLAND CEMENT

The
Highest
Standard
Attainable

Unequaled for
Sidewalks
Concrete
Masonry
Brick Work
Artificial Stone

Used in the Most Important Government and Engineering Work

SOLE AGENTS

SAMUEL H. FRENCH & CO.

York Ave., Fourth and Callowhill Streets

Established 1844 PHILADELPHIA

Used and Approved by Eminent Architects

MEIER'S CEMENT

Non-Staining

Non-Efflorescent

Causes neither stain nor efflorescence when properly used in setting and backing of
Oölitic Limestone, Marble, Granite, Sandstone, Terra Cotta and Face Brick

A FEW OF THE BUILDINGS IN WHICH IT HAS BEEN USED

NEW YORK		PHILADELPHIA
Columbia University	Frick Building, Pittsburg, Pa.	Land Title Buildings
Waldorf-Astoria	Minnesota State Capitol, St. Paul	Real Estate Title Building
New Custom House	Union Railroad Station, St. Louis	Arcade Building, P. R. R.
Manhattan Hotel	Washington Post Office, Washington, D. C.	U. S. Mint
New York Clearing House	F. W. Vanderbilt's Residence, Hyde Park, N. Y.	Wanamaker's New Building
	P. A. B. Weidener's Residence, Ashbourne, Pa.	

IMPORTERS SAMUEL H. FRENCH & CO. PHILADELPHIA

ESTABLISHED 1844

SAMUEL H. FRENCH & CO.

Manufacturers

BUCK WHITE LEAD

The **Best White Paint Manufactured**

CROWN READY MIXED PAINT

Unexcelled for Quality and Durability

PEERLESS MORTAR COLOR

The **Original and Best**

VARNISHES

French's Interior and Exterior. Superior in Quality and Durability

Mantels, Tile, Mosaics

Grates and Fireplace Goods

Architectural *and* Ornamental Plaster Work

MURALO AND CALCIMO

Interior Sanitary Wall Coating

CALCIMO FRESCO COLORS

Dry Sized

These materials are made in a dry powder form, in white and various colors, and are ready for use when mixed with cold water

INDELIBLO **EXTERIOR WATERPROOF COLD WATER PAINT**

Color Cards and Prices sent on application

SAMUEL H. FRENCH & CO.

PHILADELPHIA

RESIDENCE OF MR. E. B. SMITH,
PHILADELPHIA
MESSRS. COPE & STEWARDSON, Architects

RESIDENCE OF MR. J. B. LIPPINCOTT
PHILADELPHIA
MR. LOUIS HICKMAN, Architect

RESIDENCE OF DR. H. C. REGISTER, ARDMORE, PA.
MR. EDGAR V. SEELER, Architect, PHILADELPHIA, PA.

RESIDENCE OF MR. E. W. BOK, MERION, PA.
MR. WM. L. PRICE, Architect, PHILADELPHIA, PA.

HEATED BY THE KELSEY

WARM AIR GENERATOR SYSTEM

Briefly, the Kelsey Heating System is heating by the Kelsey Warm Air Generator, through pipes and registers leading from the central apparatus located in the cellar.

The Kelsey Generator is a distinct type of heater, and in construction and principle is different from a furnace and different from a steam or hot water boiler.

The Kelsey is more efficient and economical than a furnace, because it has much greater weight and heating surfaces, and warms air by a better method, and forces it to every room in a house.

RESIDENCE OF FRED'K HASTINGS, DEVON, PA.
NO. 30 GENERATOR.
MR. LAWRENCE VISSCHER BOYD, Architect

RESIDENCE OF MR. JOHN M. GEST, OVERBROOK, PA.
MR. WM. L. PRICE, Architect, PHILADELPHIA, PA.

MR. WM. T. B. ROBERTS, OGONTZ PARK, PA.
MR. C. B. KEEN, Architect

RESIDENCE OF MR. M. BAIRD, ARDMORE, PA.
MESSRS. BAILEY & TRUSCOTT, Architects

HEATED BY THE KELSEY WARM AIR GENERATOR SYSTEM

Kelsey heating is more heathful heating than the steam or hot water systems with radiators, because fresh air is warmed and kept in circulation; and is more economical than the indirect systems, and is superior to any steam or hot water system, because the quantity of heat is easily regulated, and there are no valves or pipes to leak, freeze up or keep in repair, and no danger of accident through mismanagement.

28,000 IN USE

IN HOMES, CHURCHES AND SCHOOLS

MAKIN HEATING CO. 24 S. SEVENTH ST. BUILDERS' EXCHANGE

SOLE AGENTS FOR PHILADELPHIA AND VICINITY

KELSEY HEATING CO., MAKERS, SYRACUSE, N. Y.

NEW YORK, 156 FIFTH AVE. CHICAGO, ILL. 38-40 E. LAKE ST.

NEW YORK
1170 Broadway
Johnston Building

BALTIMORE
Baltimore and South Streets
American Building

O. W. KETCHAM

Master Builders' Exchange

18-24 South Seventh Street

PHILADELPHIA

BURNT CLAY PRODUCTS

Ornamental Terra Cotta
Fancy Front Brick
Enameled Brick
Fire Brick
Hard Brick
Salmon Brick
Colonial Brick
Harvard Brick
Hollow Brick
Roofing Tile
Hollow Tile Fire Clay
Fire Proofing

WE ESTIMATE THE COST OF ROOFING TILE AND FIRE CLAY FIRE PROOFING ERECTED OR OTHERWISE AS REQUIRED

Kittanning Brick and Fire Clay Co.

Manufacturers of

High Grade
Vitrified

FACE BRICK

PITTSBURGH, PA.

Represented by

O. W. KETCHAM, 24 S. 7th St., Philadelphia, Pa.

FISKE & CO., Boston
PFOTENHAUER & NESBIT, New York
BLACK & HUNT, Buffalo
THOMAS MOULDING CO., Chicago
HOLMES, STRACHAN & CO., Detroit

EDWIN BENNETT
ROOFING TILE WORKS

BALTIMORE, MD.

MANUFACTURERS OF

CLAY ROOFING TILE

IN ALL FORMS

Represented by

O. W. KETCHAM, 24 S. 7th St., Philadelphia, Pa.

· THE ·

· HALE · & · KILBVRN · COMPANY ·

· INTERIOR · WOODWORK ·

Although a most important feature of any scheme of decoration, the design and execution of interior woodwork too often receives scant consideration.

We wish to emphasize the fact that we are equipped for carrying out the most exacting work of this character.

Our activities and resources can best be appreciated by a personal visit to our showrooms.

· 1315 · WALNUT · STREET ·

· WORKS · NORTH · PHILADELPHIA ·

· ENTRANCE · TO · SHOW · ROOM ·
· DEVOTED · EXCLVSIVELY · TO · INTERIOR · DECORATIONS ·
· THE · HALE · & · KILBVRN · COMPANY · 1315 · WALNUT · STREET · PHILADELPHIA

LLOYD GARRETT COMPANY

PHILADELPHIA

Makers and Importers

of

LIGHTING FIXTVRES

Antiqve and Modern

Memorial Tablets

SHOW ROOMS

FIFTEENTH AND WALNVT STREETS

Factory

2115-2123 Wood Street

Philadelphia

Designed and Execvted by

LLOYD GARRETT COMPANY

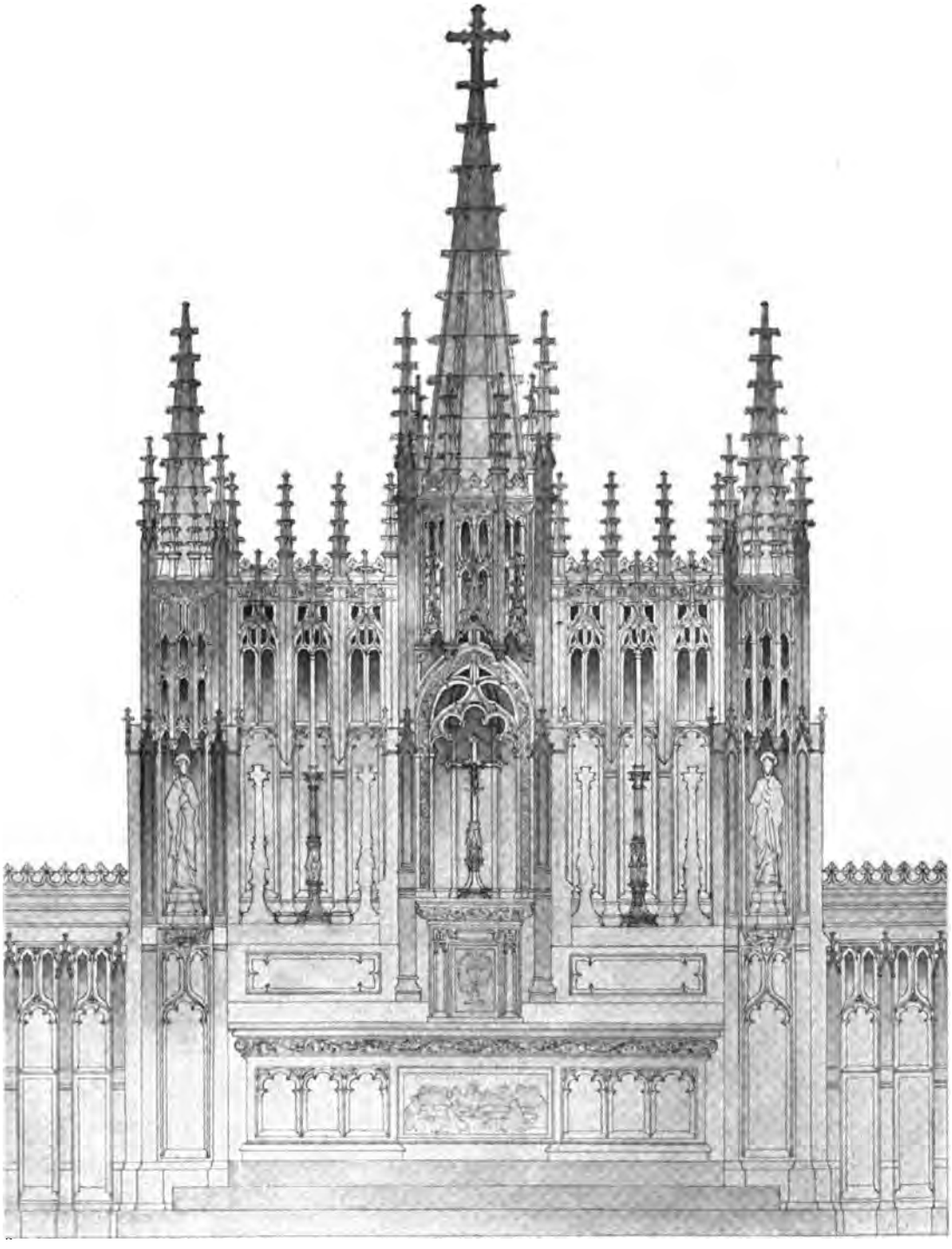
PHILADELPHIA

· CARVERS ·
· MODELERS ·
· CASTERS · IN ·
· PLASTER ·
· PAPIER · MACHE ·
· CEMENT ·
· CARTON · PIERRE ·
· BRONZE ·

· J · FRANKLIN · WHITMAN · CO ·
· INCORPORATED ·
· DECORATIVE · SCVLPTORS ·
· STVDIOS ·
· 212 · SOUTH · FIFTH · ST · PHILADELPHIA · PA ·
· 216 · E · 42d · ST · NEW · YORK · CITY ·
· STEAM · MARBLE · WORKS ·

· MANTELS ·
· ALTARS ·
· PVLPITS · AND ·
· FONTS ·
· IN · STONE · & · WOOD ·
· MANVFACTVRERS ·
· OF ·
· ART · MARBLE ·
· AND ·
· SCAGLIOLA ·

SIDE ALTAR, EPIPHANY CHURCH
WATSON & HUCKELL, Architects
BUILT BY J. FRANKLIN WHITMAN CO.
(OF CAEN STONE AND MARBLE)



MAIN ALTAR, EPIPHANY CHURCH
WATSON & HUCKELL, Architects
BUILT BY J. FRANKLIN WHITMAN CO.
(OF CAEN STONE AND MARBLE)

"Unit" Locks

are made by

P. & F. Corbin

in designs representing nearly all

Schools of Ornament

They combine Grace, Strength, and Convenience, and are in use on the best modern buildings—both public and private.

Many varieties of these locks, together with a complete line of

Cylinder Locks, Bronze
Knobs & Escutcheons

And everything in

Builders' Hardware

can be seen in our exhibit rooms

N. W. Cor. 8th and Arch Sts.

Philadelphia

Main Office and Works
NEW BRITAIN, CONN.

Branch Houses
NEW YORK PHILADELPHIA
CHICAGO

The "Corbin Unit" Lock

Design "Cordoba" Moorish School

A GOOD COLOR SCHEME

THE Chicago Varnish Company make the materials which produce the effect desired by the architect.

The fact that sample pieces of wood trim have been received from many of the leading architects of the United States and Canada with requests to produce special effects, and which have been obtained, lead us to extend a like service to all members of the profession.

Harmony of color is essential to the completed beauty of a room and stands next in importance to the architectural detail of an interior.

Miss Greenleaf, Consulting Decorator of the Chicago Varnish Company, has extensive experience in working with architects, and will furnish, upon request, a complete decorative color scheme for a house or building of any character, submitting samples of every product to be used, including wood panels showing the various stains or enamels required.

CHICAGO VARNISH CO.

New York: 22 Vesey St. ⁘ Chicago: 35 Dearborn St.

FULTON STREET ELEVATION, THE NATIONAL PARK BANK, NEW YORK
DONN BARBER, Architect

SEE OPPOSITE PAGE

VIEW LOOKING FROM THE GARDENS, OF THE GREENHOUSES AT WHITE PLAINS, THE PROPERTY OF THE HON. WHITELAW REID.

The houses are built round a court, furnishing just the right exposure needed by the palms, the roses, the gardenias, and the grapes, and giving to the whole that certain dignity of building.

Burnham Hitchings Pierson Company

We serve two Masters! The oldest since Man came into the World—Horticulture and Architecture. Our business is to husband the one, to obey the unwritten laws of the other. We build Houses of Glass—greenhouses, nurturing the plants, the flowers, the fruits, and the vegetables. The useful and the beautiful, giving the right amount of light and shelter, and producing artificially just the temperature they need, Hot or Cold, to develop the best possible results. And in the building we endeavor to apply the living, active principles of true architecture, by observing the rules of good planning, by the rigid use of features, that add interest to large

SAME, LOOKING FROM THE OTHER DIRECTION, SHOWING ROSE AND PALM HOUSES

buildings without loss of dignity, and by the adroit contrivance of heating equipment capable of the most delicate adjustment. The modern architect's office can to-day design almost any building, be it useful or beautiful, or both; however, we stand ready to execute any suggestions or sketches of the architect, and to that end our draughting office is at his service.

Burnham Hitchings Pierson Company

GREENHOUSE MANUFACTURERS AND BUILDERS

1133 Broadway, Corner 26th Street, New York

Boston Branch
819 Tremont Building

Works: IRVING-ON-HUDSON, N. Y.
JERSEY CITY, N. J.

The NATURO

The Closet with the slant, 14 inches in front and 11½ inches in the rear.

The only advance in Closet construction in over 1000 years.

Adopted to supersede the old style, flat-topped Closet as soon as it is seen.

The **NATURO** Seat completes an innovation in toilet perfection.

The **NATURO** Slant makes it 2½ inches higher in front than in the rear.

The ridge at back of opening prevents sitting back too far.

This combination means hygienic perfection—no wetting —no soiling of the seat.

Furnished in Syphon Jet and Washdown types—the same as those you are familiar with—only the slant and the seat added.

You
Should
Specify
The
NATURO
Perhaps
You
Do

The NATURO COMPANY

SALEM, N. J.

Have you the NATURO Book?

LOOMIS FILTERS

Established 1880

CAN BE EASILY AND THOROUGHLY CLEANSED
IN FACT, THEY CLEANSE THEMSELVES

They Filter All the Water

for Residences, Hospitals, Hotels, Office Buildings, Apartments, Manufacturing Establishments, Etc.

Installed in the following leading hotels: St. Regis, Astor, Manhattan, Knickerbocker, New York; Bellevue-Stratford, Philadelphia; Belvedere, Baltimore; New Willard, Washington.

LOOMIS-MANNING
FILTER CO.

Main Office

828 LAND TITLE BUILDING

Broad and Chestnut Streets

Philadelphia, Pa.

BOSTON BALTIMORE
NEW YORK WASHINGTON

PRATT & LAMBERT

The Only Varnish Makers
Manufacturing Exclusively

Finishes for Architectural Work

New York Chicago Buffalo
Paris Hamburg

CORRESPONDENCE SOLICITED

ADDRESS Architectural Department, Buffalo, N. Y.

The Engravings in this Catalogue
were made by the
Electro Tint Engraving Co.
1227-29 Race St.
Philadelphia, U. S. A.

Half Tone and Color Process
Engravers and Printers

SACKETT PLASTER BOARD

A Fire Resistant Superior to Wood and Metal Lath

In the construction of plastered walls and ceilings

SAVES TIME IN CONSTRUCTION

Made in Boards, 32x36 inches, of INCOMBUSTIBLE MATERIALS. Nailed directly to the studding and finished with plaster. Walls and ceilings constructed on **Sackett Plaster Board** will not fall; are fire, heat, cold and sound resisting.

Sample and Circular on Application

SACKETT WALL BOARD CO.
14 Battery Place, Whitehall Building
NEW YORK

RIDER & ERICSSON

HOT-AIR

PUMPING ENGINES

For Country Homes, Greenhouses, Stock Farms, Irrigation, Hotels, Business Blocks, Colleges, Etc.

ABSOLUTELY SAFE **PRACTICALLY NOISELESS**
DURABLE **ECONOMICAL** **RELIABLE**

Catalogue No. 30 on application to nearest store

RIDER-ERICSSON ENGINE COMPANY

STORES
35 Warren Street, New York.
40 North Seventh Street, Philadelphia.
40 Dearborn Street, Chicago.
239 Franklin Street, Boston.
234 Craig Street, West Montreal, P. Q.
Teniente Rey 71, Havana.
22 Pitt Street, Sydney, N. S. W.

The J. L. Mott Iron Works

Established 1828 **1128 Walnut Street, Philadelphia, Pa.** Both Phones

Copyright, 1905, by The J. L. Mott Iron Works

Mott's Plumbing Fixtures in use in the following prominent buildings:

Harrisburg State Capitol,
Bellevue-Stratford Hotel,
Commonwealth Building,
New Jefferson Medical Hospital,
Hahnemann Hospital,
Widener Memorial Home,
Wanamaker New Department Store Building,
Elkins Memorial Home,
The North American,
The Philadelphia Public Buildings,

And many others.

A PERFECT CEMENT

THERE are some very good reasons why we place **Whitehall** on the pinnacle of perfect cements. Among them may be mentioned the following:

¶ Our mill is up-to-date in every respect.

¶ Our mill is a unit and not a number of small mills run with more or less regularity.

¶ All of our raw material is quarried on our own property.

¶ We have a large corps of competent chemists employed at our mill who carefully make chemical tests every hour during the day and night of the raw material, as well as of the finished product.

¶ The clinker from our rotary kilns is particularly small, due to mechanical arrangements used in our mill only; consequently, on account of the smallness of the clinker, we are able to thoroughly burn the center, or, in other words, the entire clinker.

¶ We confine ourselves to one uniform standard grade of Portland Cement, and sell it under our registered trade mark.

¶ **Whitehall** is honestly, generously, and thoroughly made with the individual features above outlined, making it the standard of perfection.

THE WHITEHALL PORTLAND CEMENT CO. PORTLAND WHITEHALL CEMENT PHILADELPHIA, PENNA.

Trade Mark—Registered

THE WHITEHALL PORTLAND CEMENT COMPANY

PRINCIPAL SALES OFFICE

1719–22 LAND TITLE BUILDING

ATLANTA, GA. PHILADELPHIA, PA. BOSTON, MASS.

P. S. We will gladly send "Cementology", our monthly publication, to any one interested in Portland Cement.

American Enameled Brick and Tile Co.

1 MADISON AVENUE, NEW YORK

Works: South River, N. J.

ENAMELED BRICK

Enameled Subway Tile

WITH PATENT DRAINING SYSTEM USED IN BOSTON SUBWAY

Enameled Interlocking Tile, Etc., Etc.

(PATENTED)

Send for Catalogue with Color Sheet, Special Shapes, and Patent Specifications

HENRY E. SEALEY & CO., Incorporated

230 and 232 North Twelfth Street

PHILADELPHIA

Manufacturers of

Leaded Cathedral Glass

Looking Glass Plates, Glass Signs

CHIPPED EMBOSSED AND GROUND GLASS

We have just issued a catalogue of new and exclusive designs in

ART LEADED GLASS which will be sent on application

A ROOFING TIN THAT IS REALLY GOOD

The *exceptional* roofing tin. Different than any other. Not only *said* to be good, but *guaranteed* to be good.

McClure's Genuine Charcoal Iron Redipped

BRAND ROOFING TIN

is the *only* roofing tin made to-day that *is* guaranteed to wear for any length of time. It is

GUARANTEED TO WEAR 15 YEARS

If the tin should wear out within that time we will *replace* it at *our* expense.

Without delving into the charcoal iron vs. steel controversy, don't you think that these facts *alone* show the superiority of McClure's Genuine Charcoal Iron Redipped Brand Roofing Tin over all others?

THE McCLURE COMPANY

Sole Manufacturers

PITTSBURGH **PHILADELPHIA**

THE HIGHEST GRADE OF

PORTLAND CEMENT MANUFACTURED

GUARANTEED
FOR
UNIFORMITY
STRENGTH
AND
DURABILITY

CAPACITY
6,000,000
YEARLY

CATALOGUE AND USEFUL INFORMATION ON CEMENT AND ITS USES
MAILED ON REQUEST

AMERICAN & IDEAL
RADIATORS & BOILERS

MOST FULLY JUSTIFY THE ARCHITECTS SPECIFICATION

AMERICAN RADIATOR COMPANY

GENERAL OFFICES, 282-284 Michigan Avenue, Chicago
NEW YORK, 42-44 East 20th Street — PHILADELPHIA, 1342 Arch Street
BOSTON, 129-131 Federal Street
BALTIMORE, 109 East Lombard Street — BUFFALO, Cor. Franklin and Court Streets
PITTSBURGH, 926 Farmers' Bank Building
CINCINNATI, 336 West Fourth Street — DETROIT, 225 Jefferson Avenue
MILWAUKEE, 126 Sycamore Street
ST. LOUIS, 207-209 North Tenth Street — OMAHA, 413-417 South Tenth Street
MINNEAPOLIS, 204 Fourth Street, South
KANSAS CITY, 313 East Tenth Street — DENVER, 831 Fifteenth Street
SEATTLE, 1215 Alaska Building

F. DE B. SPIRIDON

IMPORTER OF

Antique and Modern Objects of Art

ITALIAN AND FRENCH FURNITURE, CHINA, CLOCKS, BRONZES, PAINTINGS, FANS, ANTIQUE JEWELRY, LACES, CURIOS, Etc.

Original Designs submitted for Furniture and Interior Decoration, Cleaning, Cradeling, and Restoring of Old and Modern Paintings

19 SOUTH SIXTEENTH STREET, PHILADELPHIA

WILLIAM GRAY & SONS

Cut Stone Contractors

AND INTERIOR MARBLE WORK

Thirtieth Street below Walnut

PHILADELPHIA

MEASURED DRAWING
CHRISTIAN GEORGE SPOERL

McDANIEL IMPROVED STEAM TRAP

Is the best for high or low pressure.

Adapted for Mills, Factories, Power Plants, and Steam Heating.

We also manufacture Exhaust Heads, Reducing Valves for all purposes, Separators for Live or Exhaust Steam, Relief Valves, Ejectors, and Suction Tees.

WATSON & McDANIEL CO.

152 North Seventh Street

ESTABLISHED 1878 **Philadelphia** SEND FOR CATALOGUE

Porcelain Enamel Paint

A liquid tiling applied like paint
Not a varnish enamel

O. & I. Scotch Enamel

Very elastic
For use indoors and out

Bessemer Paint

The best rust preventer
in the market

Galvanic Primer

Strengthens the galvanizing
Prevents peeling of paint

For details write to

RINALD BROS.

1142-1144 NORTH HANCOCK STREET

PHILADELPHIA

CARNEGIE LIBRARY, AKRON, OHIO.---F. O. WEARY, ARCHITECT

WARREN'S ANCHOR BRAND ROOFING

NATURAL ASPHALT

FOR THE HIGHEST CLASS OF

PERMANENT BUILDINGS

WHERE SAFETY TO VALUABLE PROPERTY IS OF FIRST IMPORTANCE.

NOT AN EXPERIMENT--ON THE MARKET 28 YEARS

WARREN CHEMICAL & MFG. CO.

15 BATTERY PLACE, NEW YORK

WRITE FOR CATALOGUE

AFTER YOU'VE ONCE USED

MF

ROOFING TIN

you will realize why it has been the favorite roof covering for more than eighty years

Superior materials properly combined are sure to win the place they deserve, and MF by always being reliable, tough, perfectly coated, and easily worked, has become the World's Standard Terne Plate.

Therefore, specify MF if you desire the best of protection, and if you would like to know how Roofing Tin is made, write to our Advertising Department for a copy of "From Underfoot to Overhead." You'll surely be interested.

Frick Building **AMERICAN SHEET & TIN PLATE COMPANY** Pittsburgh, Pa.

"NICE" LIQUID AND PASTE FILLERS

Interior and Exterior Varnishes and Finishes. Agate Finish for Floors.

Tough, Elastic, Durable—Send for catalogue of the most dependable line of goods on the market.

EUGENE E. NICE, Philadelphia

STERLING BRONZE COMPANY

FOUNDERS, IMPORTERS, AND MAKERS
OF ELECTRIC AND GAS FIXTURES
ORNAMENTAL METAL WORK
BRONZE MEMORIAL TABLETS

107-113 W. 25TH ST.
NEW YORK

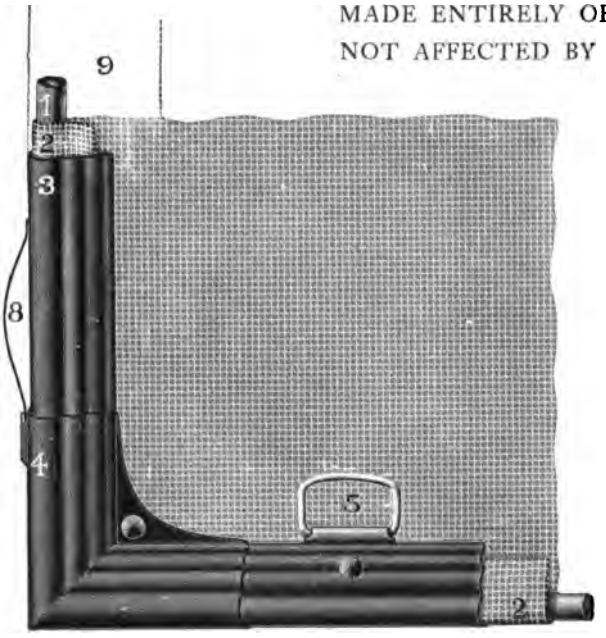
1513 WALNUT ST.
PHILADELPHIA

THE "HIGGIN"

METAL FRAME WINDOW SCREEN

Does not Shrink, Swell, Warp, or Twist!

MADE ENTIRELY OF METAL
NOT AFFECTED BY THE WEATHER



SECTIONAL CUT SHOWING CONSTRUCTION OF SCREEN.

THERE is an inside frame of ¼ inch double-coated steel rod (No. 1). Around this the wire cloth (No. 2) is drawn and stretched perfectly tight by a patented process. The outside moldings (No. 3) hold it securely in place.

We use exclusively genuine SOLID BRONZE CLOTH that will not rust or corrode.

The screen has side springs (No. 8), permitting it to slide with ease in the copper guide strip extending the full height of the window frame.

Just the thing for your home.
Keeps out Mosquitoes and other small insects, as well as Flies.
Handsome, Strong, Efficient, Durable, Easily Operated.

CATALOG FREE. ESTIMATES MADE WITHOUT CHARGE

Philadelphia Representative

JOHN F. BELL

419 Mint Arcade Building

Made only by

THE HIGGIN MFG. CO.

Newport, Ky.

REFERENCES

St. Paul's Presbyterian Church, 50th and Baltimore Ave., Phila.
Church of the Holy Apostles, New Sunday School and Guild Room, 21st and Christian Sts., Phila.
St. Peter's Parish House, 3d and Lombard Sts., Phila.
Overbrook Presbyterian Church, Overbrook, Pa.
Friends School and Meeting House, 35th and Lancaster Ave., Phila.
Wharton Hall, Swarthmore Col., Swarthmore, Pa.
Hall of Chemis'y, Swarthmore Col., Swarthmore, Pa.
Dr. J. H. Musser, 1927 Chestnut St., Phila., Pa.
Mrs. S. G. Altemus, 1526 Spruce Street, Phila.
Mr. Harold M. Sill, Germantown, Phila.
Mr. George Burnham, Jr., 214 N. 34th St., Phila.
Mr. Malcolm McLeod, St. David's, Pa.
Mr. Arthur Shrigley, Wenonah, N. J.
Mr. Harry D. Chandler, Vineland, N. J.
Mr. Charles Sinnickson, Rosemont, Pa.
Mr. J. H. Dingee, Paoli, Pa.
Fels & Co., Island Rd. and Woodland Ave., Phila.
Sub Post Office, 1613 Chestnut St., Phila.
Mr George B. Evans, 1104-1106 Chestnut St., Phila.
Mr. Ewing L. Miller, 240-242 N. 3d St., Phila.
Lansdowne and Darby Saving Fund and Trust Co., Lansdowne, Pa.
Apartment House, 13th and Pine Sts., Phila.
Mr. Dan M. Harris, 40th and Girard Ave., Phila.
Buck Hill Falls Inn, Buck Hill Falls, Pa.
Wayfarers Lodge No. 1, 18th & Lombard Sts., Phila.
Wayfarers Lodge No. 2, 1440 N. 6th St., Phila.
House of Industry, 7th and Christian Sts., Phila.
Montgomery Bros., Penrose Ave. & P. R. R., Phila.
American Ice Co., 22d and Callowhill Sts., Phila.
Millbourne Mills, 63d and Market Sts., Phila.
Cooper Hall & Armory, 23d and Christian Sts., Phila.
Phila. Labor Lyceum Ass'n., 6th & Brown Sts., Phila.
University Club, 1510 Walnut St., Phila.
Mr. Walter B. Saunders, Overbrook, Pa.

The above is a partial list of recent installations of

Heating and Ventilation Systems

By

BOWERS BROS. & CO.

PHILADELPHIA

By Hot Blast,
Steam, Water, Power.

Bell Phone Keystone Phone
719 Real Estate Trust Building

St. Louis GRAND PRIZE 1904

WILLIAM GALLOWAY

32nd & Walnut Streets

PHILADELPHIA, PA.

ARCHITECTURAL
TERRA COTTA

GARDEN
TERRA COTTA

Catalogues on Request

· ELEVATOR · ENCLOSURE · FOR · HOTEL · ESSEX ·
· NEW · YORK · CITY ·
· HOWARD · CAULDWELL · & · MORGAN · ARCHITECTS ·

· SPECIALTIES ·

· ENTRANCE · DOORS · · GRILLES · · STAIRS ·
· WINDOW · WORK · · COUNTER · SCREENS ·
· ELEVATOR · ENCLOSURES · · LAMP · STANDARDS ·

· RICHEY · BROWNE · & · DONALD ·

· ARCHITECTURAL ·

· IRON · AND · BRONZE ·

· MASPETH · (Bor · of · Queens) · · NEW · YORK · CITY · N · Y ·

90 per cent. of the homes in Philadelphia have a

NOVELTY KITCHENER RANGE.

They are the kind the people buy.

ABRAM COX STOVE COMPANY

PHILADELPHIA, PA.

NOVELTY FURNACES

are heating more homes in Philadelphia than all other makes combined.

The kind the people want.

ABRAM COX STOVE COMPANY

Russian Revolution Nothing to the Revolution in Roofing, when in 1852

EHRET'S SLAG ROOFING

Was placed on the Market. Guaranteed for ten years, Acid, Gas, Water and Fire Proof. Applied only by

Warren-Ehret Company

THE LAND TITLE BUILDING

PHILADELPHIA

This Catalogue is printed on

DILL & COLLINS

PURE WHITE COATED BOOK

MADE BY

DILL & COLLINS CO.

High Grade Printing Papers

NEW YORK WAREHOUSE
54 and 56 Varick Street

PHILADELPHIA WAREHOUSE
827-829 Filbert Street

H. R. HEINICKE

INCORPORATED

RADIAL BRICK CHIMNEYS

THE UP-TO-DATE METHOD OF CHIMNEY CONSTRUCTION

This is the Tallest Chimney in the World
460 Feet High
Built by H. R. HEINICKE

160 FIFTH AVENUE
New York City

DREXEL BUILDING
Philadelphia, Pa.

AND

UNITY BUILDING
Chicago, Ill.

MARLBOROUGH HOUSE, ATLANTIC CITY

START RIGHT!

Before a building is begun the steam heating question ought to be settled. If you want the maximum economy of fuel, fewest repairs and stoppages, lowest risk, and perfect control of temperature in heating, you must install the

WEBSTER SYSTEM OF STEAM CIRCULATION

which the foremost engineers and architects have put into the most important buildings in the country. Long use has tested and proved it best and most efficient.

Write for Booklet 23-H.

WARREN WEBSTER & CO.

CAMDEN, N. J.

PHILADELPHIA OFFICE, 1105 STEPHEN GIRARD BUILDING

Wheeler's Patent Wood Filler

Has been recognized as the standard for years, and is specified by all the leading architects. Brings out the full life and beauty of the wood. Permanently sustains the finish. Goes further than any other wood filler, therefore it is more economical. Architects should insist on its being used as specified.

Paint That Lasts

Many of the most eminent chemists and painters of the country to-day admit that pure white lead and oil is not the best article for painting, as it chalks off quickly; that while lead and zinc is better, it has a tendency to scale or peel; that silex, white lead and zinc, as especially ground by us for our ***Breinig's Lithogen Silicate Paint*** and ***Lithogen White Lead,*** is the most perfect paint compound known.

Architects will find these paints as much superior to other paints as our WHEELER FILLER is to all wood fillers

THE BRIDGEPORT WOOD FINISHING CO.

NEW MILFORD, CONN.

NEW YORK: 55 Fulton St. CHICAGO: 70 W. Lake St. PHILADELPHIA: 41-43 S. 3d St.

Two Coats of

DIXON'S SILICA GRAPHITE PAINT

Used on the Structural Steel Work of

Wanamaker's New Philadelphia Store

Joseph Dixon Crucible Co

1020 Arch Street
Philadelphia, Pa.

MAIN OFFICE AND WORKS: JERSEY CITY, N. J.

Send for "Colors and Specifications"

Berry Brothers, Limited

Makers of

Varnish

for every use under the SUN

Luxeberry Wood Finish

White and Light (*for inside work*)

Spar Varnish (*for outside work*)

Elastic Interior

Elastic Outside

Liquid Granite (*for floors*)

Shingletint (*for roofs*)

Lacklustre

Philadelphia Branch

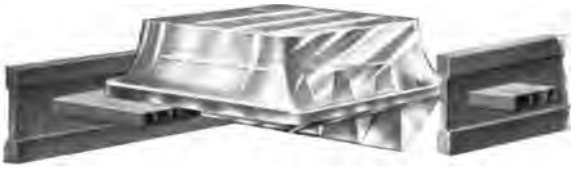
26 and 28 N. Fourth Street

Factory
Detroit, Mich.

EASTERN
HYDRAULIC PRESS
BRICK COMPANY
PHILADELPHIA.

A Superior Vault Light

The Paschall Interlocking System
of Steel Beam Construction



Using 3-Way Prisms or Plain Lens
for Vault Lights is Unequaled

Manufactured by the

AMERICAN 3-WAY PRISM CO.

Land Title Building, Philadelphia, Pa.

Manufacturers of Prisms and Wired Glass Products

Market and 11th Street

PHILADELPHIA

MURTA, APPLETON & Co.

BUILDING HARDWARE

IN ALL THE FINEST GRADES AND FINISHES

Specify,

"Ideal Solid Porcelain"

Light Weight French Style Bath Tub

Of Ideal Solid Porcelain Ware we carry in stock a complete line of Bath Tubs; Seat Baths; Foot Baths; Shower Receptors; Stall Urinals; Lavatories; Kitchen, Pantry and Slop Sinks; Laundry Tubs and various miscellaneous articles.

Specify,

"The Trenton Potteries Co. Vitreous China Ware"

Our stock of Vitreous China Ware consists of numerous styles of Lavatories and basins, together with a complete line of Syphon Jets, Washdowns, Syphon Hoppers, etc.

Vitreous Oval Lavatory on Swell Pedestal

The Trenton Potteries Company

Trenton - - - New Jersey, U. S. A.

PIPE AND GUTTERS

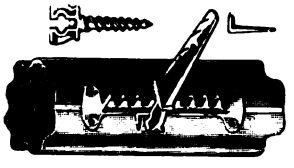
We make a specialty of furnishing either COPPER or GALVANIZED Material. ALL SIZES and GAUGES. Our Pipe Fastener has no equal.

Hangers and Fasteners of all kinds in stock and to order. Write for fully illustrated Catalogue and Prices

Manufacturers and Jobbers of Tinners' and Roofers' Supplies

BERGER BROS. CO., PHILADELPHIA

Office and Store, 237 Arch Street **Warerooms, 100-102-104 Bread Street** **Factory, 17th and Clearfield Streets**



HERMAN ECKSTEIN

Electrical Contractor

HIGH CLASS
WIRING
COMPLETE
PLANTS, ETC.

1518 SANSOM STREET
PHILADELPHIA, PA.

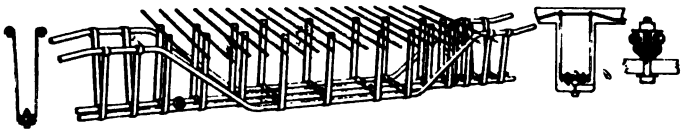
NEW PROCESS

ENAMELED WHITE METAL

EFFECTILE

SUPERIOR IN APPEARANCE TO CLAY TILE, WEARS BETTER AND COSTS LESS. FOR BATH ROOMS, KITCHENS, HOSPITALS AND LAUNDRIES.

ENAMELED ART METAL CO.
GERMANTOWN PA.



"UNIT" GIRDER FRAME (Patented). The Frame is delivered as one complete unit, all members properly spaced and rigidly attached for the reinforcing of Beams, Girders, Arches, etc. It is not a Single Trussed Bar, nor a Single Deformed Bar, but a complete reinforcement for Beams, Girders, etc.

"UNIT" SOCKET (Patented). The "Unit" Socket supports the "Unit" Girder Frame so that the center of action of Reinforcing Metal is exactly located before concreting. The "Unit" Socket is always available for supporting Shafting.

If You Desire a Fireproof Factory Building or a Warehouse

you can build the floors of reinforced concrete at 20 per cent to 25 per cent less than steel fireproofed with terra cotta, and the rate of insurance will be the same.

You understand, the floor lay out and beam spacing will be identical with your present plan.

To obtain this saving, use the "Unit" Girder Frame, "Unit" Socket, and local labor.

UNIT CONCRETE STEEL FRAME COMPANY

1419 Commonwealth Building, Philadelphia, Pa.

THOS. M. SEEDS, JR.

CARPENTER
BUILDER AND
CONTRACTOR

1207 RACE STREET
PHILADELPHIA

TELEPHONE .

Appleton & Burrell

BUILDERS AND
CONTRACTORS

1204 CHANCELLOR ST.
PHILADELPHIA

"ARGYLE"

Compression Bibbs and Basin Faucets

Are Exceptionally Good

The Peck Bros. & Co.

Manufacturers of the

Best in Sanitary Plumbing Fixtures

NEW HAVEN, CONN.

NEW YORK BOSTON

Ten Thousand of Our Furnaces in Use

and located in all parts of the United States. We can furnish reference for same. We keep on hand and can furnish at the shortest notice

FIVE DISTINCT STYLES OF COOKING RANGES
INCLUDING OUR "B. AND C. KITCHENERS"

These ranges are the heaviest, most substantial and elegant in their general appearace now offered for sale. They are finished with great care and designed for first-class private kitchens or small hotels and restaurants; they have large ovens, plate rack and an open grate adapted for roasting in front. Cast iron backs and jambs, with brass, nickel, bronze or black fronts to order.

A full line of repairs for all French ranges.

THE OLD FRANKLIN STOVE

When you want to know anything about our wares, ask! You will find it no trouble for us to give satisfaction.

"The Best is the Cheapest"
"A Perfect Heater"

Keystone Steel Furnace

With Patented Shaking and Clinker Grinding Grate and Dumping Attachment

Manufactured by

J. REYNOLDS & SON 1613 Filbert Street Philadelphia

Telephone Connection

WILLIAM CONWAY

58th and Walnut Sts., Philadelphia

Our Specialty is Fine Hand-Made "Cherry Red" Stretchers and Pressed Bricks

Brick Manufacturer

CHAMBERLIN METAL WEATHER STRIP CO.

OFFICES

419 MINT ARCADE BUILDING
PHILADELPHIA, PA.

218 BOND BUILDING
WASHINGTON, D. C.

206 NORTH LIBERTY STREET
BALTIMORE, MD.

The CHAMBERLIN strip is the simplest, the most satisfactory, and by the far most economical in the end. To recommend the CHAMBERLIN is to recommend a strip that will please your patrons 365 days in the year.

SAMSON SPOT CORD

Can always be distinguished by our trade mark, "the colored spot," which is a guarantee of First Quality

SAMSON CORDAGE WORKS, BOSTON, MASS.

FINE STABLE FITTINGS

In Iron, Brass and Wire of Modern Patterns

Are Installed in the Following Stables

MESSRS. WIDENER & ELKINS	Elkins Park, Pa.	Horace Trumbauer, Architect
MR. J. W. PAUL	Radnor, Pa.	Horace Trumbauer, Architect
MR. ALFRED C. HARRISON	Philadelphia	Cope & Stewardson, Architects
MR. J. S. CLARK.	Chestnut Hill, Pa.	C. C. Zantzinger Architect
PENNA. HOSPITAL STABLE	Philadelphia	Addison Hutton, Architect
METHODIST HOSPITAL STABLE	Philadelphia	Stearns & Castor, Architects
MRS. ALEX. VAN RENSAELLER	Camp Hill, Pa.	Wilson Eyre, Architect
MR. WM. T. WRIGHT	Wayne, Pa.	Brockie & Hastings, Architects
CRANE ICE CREAM CO.	Philadelphia	Ballinger & Perrott, Architects
J. J. SHORT & BRO., WEST END STABLES	Philadelphia	Wm. C. Pritchett, Architect
HOTEL DENNIS STABLES	Atlantic City, N. J.	Walter Smedley, Architect
DR. H. M. HOWE	Philadelphia	T. P. Chandler, Architect
MR. DAVID E. WILLIAMS	Bala, Pa.	Baker & Dallett, Architects
MR. CRAIG BIDDLE	Devon, Pa.	Peabody & Stearns, Architects
MR. H. W. BIDDLE	Paoli, Pa.	Duhring, Okie & Ziegler, Architects
MISS E. DUPONT	Greenville, Del.	Bissell & Perrott, Architects

BY

WM. ADAMS FOUNDRY CO., Inc.

MANUFACTURERS

960-970 North Ninth Street, Philadelphia, Pa.

WM. ADAMS, PRESIDENT
E. S. DAILEY, SECRETARY AND TREASURER
WILLARD H. HUNT, GENERAL MANAGER

SEND FOR CATALOGUE

SAYRE & FISHER CO.

MANUFACTURERS OF

FINE PRESSED FRONT BRICK

IN OCHER, WHITE, BUFF, RED, GRAY, BROWN, OLD GOLD AND MOTTLED, PLAIN OR MOULDED

ENAMELED BRICK, ALL SHAPES AND COLORS

SUPERIOR FIRE BRICK, ALL SHAPES AND SIZES. HARD BUILDING BRICK. ALSO HOLLOW BRICKS

NEW YORK OFFICE
207 BROADWAY

WORKS AT SAYREVILLE, N. J.
ON RARITAN RIVER

TELEPHONE 91 A, NEW BRUNSWICK

Philadelphia Office, 1215 FILBERT STREET
W. L. McPHERSON, AGENT

BROWN RED SELECTED AND REPRESSED STRETCHERS ALSO BLACK END HEADERS A SPECIALTY

BOTH PHONES

F. T. MAGUIRE

CONTRACTOR
and BUILDER

1720 SANSOM STREET
PHILADELPHIA

Wm. J. Mitchell George W. Mitchell
Harry C. Mitchell

Mitchell Bros.

Carpenters
Builders and
Contractors

No. 2125 RACE STREET
PHILADELPHIA

Jobbing in all branches of the building trades promptly attended to

TELEPHONE CONNECTIONS

Lane Brothers Company

MANUFACTURERS

DOOR HANGERS

Goods sold through Hardware Trade.
Our catalogue for the asking.

Factory
Prospect and A Sts.
Poughkeepsie, N. Y.

TIMBER HANGERS

AUSTRIAN GRAY STAIN

was used on this house
with the greatest success

Write for particulars

to

DEXTER BROTHERS COMPANY

103-105-107 Broad St.
Boston

J. D. S. POTTS

218 Race Street Philadelphia
Agent

CYRUS BORGNER CO.
23rd ST. ABOVE RACE PHILADA. PA. U.S.A.
LARGE ASSORTMENT SPECIAL SHAPES TO ORDER
FIRE BRICK AND CLAY RETORTS

YOU ARE INVITED

to call at our

SHOW ROOMS

and see our display of

HIGH GRADE

PLUMBING GOODS

Fleck Bros. Co.

44-50 NORTH FIFTH STREET

PHILADELPHIA

HIRES TURNER GLASS CO.

Manufacturers, Importers, Bevelers and Silverers

GLASS

OFFICE, 626 ARCH ST. WAREHOUSE, 44-56 SCIPIO PLACE
PHILADELPHIA

ESTABLISHED 1880

C. A. BLUMHARD BLUE PAPER CO.

MANUFACTURERS AND IMPORTERS

BLUE, WHITE AND BLACK LINE PRINTS
LINEN PRINTS

38 SOUTH SIXTH STREET, Philadelphia, Pa.

JOB AND COMMERCIAL PRINTING — TELEPHONE — MOUNTING OF EVERY DESCRIPTION

J. S. CORNELL & SON

Carpenters
and Builders

232-233 Land Title Building
PHILADELPHIA

Contractors for all kinds of
Building Work

Shop, 1918-20 North 20th Street

SASH CHAINS

"GIANT" and "RED METAL"

Sash Chains are conceded by the Leading Architects to be the Standard, and are specified by them. Our Chains are made from a Special Mixture which cannot be equaled for tensile strength and anti-friction qualities. We are not only the Originators of Sash Chain, but also of the metal from which it is made. Not a pound of this metal was rolled by any mill until we introduced it. Our Chains have been on the market for more than twenty years and have given universal satisfaction.

NEW YORK OFFICE
62 Reade St., J. J. HALPIN, Agent

PHILADELPHIA OFFICE
514 Commerce St., WM. E. TRULL, Agent

CHICAGO OFFICE
142 Lake St., H. H. MUNGER, Agent

THE SMITH & EGGE MFG. CO.

BRIDGEPORT — CONN.

ORIGINAL DESIGNS

ESTIMATES FURNISHED

Century Stained Glass Works, Ltd.

ANTIQUE AND MODERN — ART STAINED GLASS

For Churches, Dwellings and Public Buildings

212 S. Eleventh Street, Philadelphia

An Architect has many things to think of, among which are Heating and Ventilating, Cooking and Laundry Appliances

ESTIMATES FURNISHED AND COMPETENT HEATING ENGINEERS AT YOUR SERVICE

For the satisfactory provision of these appliances, see

SPEAR'S NEW COOKING RANGE
NEW WARM AIR DISTRIBUTOR
LAUNDRY AND HEATING STOVES

Hot Water and Steam Heating Systems

We manufacture the fullest line of these appliances, as well as Open Fire Grates, Open Franklin Stoves, Stable Stoves and Stoves for Special Purposes.

During the past year we have made important improvements in Cooking and Heating Appliances.

These Appliances can be seen in operation at the

JAMES SPEAR STOVE & HEATING CO.
1014 and 1016 Market Street, Philadelphia

ESTABLISHED 1887 INCORPORATED 1895

MYCENIAN MARBLE

IS THE HIGHEST GRADE OF MANUFACTURED MARBLE, AND THE ONLY ARTIFICIAL MARBLE THAT IMITATES THE NATURAL. SOLE MAKERS

MYCENIAN MARBLE CO., 524-526 West 34th St., New York

The Old Reliable

GIANT

PORTLAND

CEMENT

21 YEARS A STANDARD

Used on the most important engineering works in the country.

An insurance policy for the reputation of the engineer, architect and contractor.

Especially adapted to use in the manufacture of concrete and cement blocks; as well as important masonry and cement work of all character.

Send for "Test of Time"

Lesley & Trinkle Company

General Sales Agents

604-610 Pennsylvania Building

Philadelphia

S. P. STAMBACH ROBERT LOVE

STAMBACH & LOVE

Plumbers' Supplies

AND

Sanitary Specialties

50 and 52 North 7th Street

PHILADELPHIA

THE PERTH AMBOY TERRA COTTA COMPANY

OF

PERTH AMBOY, N. J:

ARCHITECTURAL TERRA COTTA

INTERLOCKING RUBBER TILING

Made In One Quality Only — THE BEST

NOISELESS, non-slippery, sanitary and extraordinarily durable, the finest floor that can be laid in business offices, banking-rooms, court-rooms, vestibules, halls, billiard-rooms, cafés, libraries, churches, hospitals and hotels. It is especially adapted for steamships, yachts, etc., standding, without cracking or separating, the straining and racking of the ship. Each Tile is interchangeable and distinct, but shaped so as to lock firmly into the surrounding Tiles. The Interlocking feature produces a solid rubber floor, unlimited in size or shape with all the durabilty of the hard tile, without its liability to damage.

Manufactured under our patent and sold only by us and our authorized agents. BEWARE OF INFRINGERS. Estimates, designs and samples furnished on application. Send for special catalogue.

Patented and Manufactured Solely by

NEW YORK BELTING & PACKING CO., Ltd., 91-93 Chambers St., New York

BRANCHES:

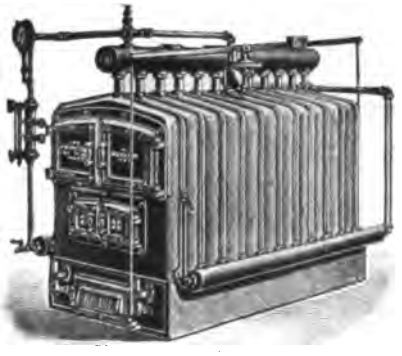
Philadelphia, 724 Chestnut St.	Indianapolis, 229 So. Meridian St.	Boston, 232 Summer St.
Chicago, 150 Lake St.	St. Louis, 218 Chestnut St.	Buffalo, 600 Prudential Bldg.
San Francisco, 605 Mission St.	Baltimore, 114 W. Baltimore St.	Pittsburg, 528 Park Bldg.

FACTORIES: WESTFIELD, MASS. ESTABLISHED 1853

THE H. B. SMITH CO.

728 Arch St., Philadelphia

MERCER STEAM / WATER BOILER



BOILERS

Mills Portable No. 55
(Has 48-inch wide grate)
Mercer
Cottage
Homestead
Mills Brick-set
Menlo

RADIATORS

New Royal Union
Imperial
Princess
Sovereign
Scepter
Tiara
Coronet
Diadem
X-Ray (Wall)

INDIRECT RADIATORS

RESIDENCE LAUNDRY OUTFITTING

(ONE OF OUR SPECIALTIES)

OUR INFORMATION IS OPEN TO
ARCHITECTS AND OWNERS GRATIS

CHICAGO CLOTHES DRYER WORKS

136 and 138 West 24th Street, NEW YORK

Geo. A. Glenn & Co.

BUILDERS

General Contracts PHILADELPHIA

IMPERVIOUS

HIGH-GRADE FACE BRICK

All Colors and Shapes

S. B. DOBBS

504 Bailey Building, 1218 Chestnut Street

PHILADELPHIA

Call and inspect the Finest Exhibit of Front Brick in the city Samples and quotations furnished

TELEPHONES
BELL, WALNUT 972
KEYSTONE, MAIN 5164 A

FRANCIS F. BLACK
GEORGE T. DU BOIS
WILLIAM M. EDWARDS

F. A. Black & Son Co.

PAINTING AND DECORATING Contractors

PAINTING PAPERING
FRESCOING
HARDWOOD POLISHING

STOGDALE BUILDING
No. 620 S. WASHINGTON SQUARE
PHILADELPHIA

SILVER LAKE A

For Thirty Years the Standard

A Safe Specification for SASH CORD

SILVER LAKE A

To prevent the substitution of an inferior article, we put OUR LABEL ON EVERY HANK, and as an additional protection WE STAMP EVERY THREE FEET OF OUR CORD WITH OUR NAME. If you find "Silver Lake A" stamped on the cord, it is THE BEST CORD THAT CAN BE MADE.

SILVER LAKE CO.
BOSTON

Send for Samples

TAPESTROLEA

Decorations for walls and ceilings. Samples and prices upon request, also descriptive booklet.

RICHTER MFG. CO.
DEPT. 4 TENAFLY, N. J.

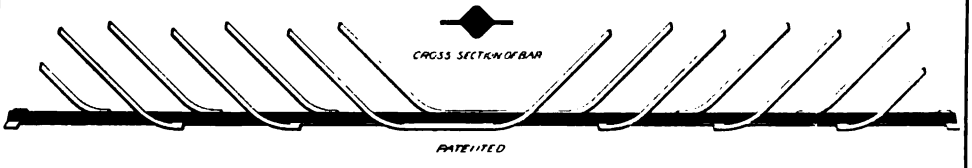
THE HARTFORD FAIENCE CO.
HARTFORD, CONN.

Tile 14 x 14 inches

Architectural Faience
Faience Mantels Faience Tile

WRITE FOR INFORMATION

THE KAHN SYSTEM OF REINFORCED CONCRETE



KAHN TRUSSED BAR

is the backbone of modern reinforced concrete construction. By scientifically conducted tests and in practical use it has proven its superiority over all other forms of reinforcement. Plans furnished and inquiries answered by our engineering department without charge.

TRUSSED CONCRETE STEEL CO.
Wayne Co. Bank Building Detroit, Mich.

FRANK E. HAHN
Resident Representative
and Engineer

PHILADELPHIA OFFICE
Room 709, Mutual Life Building
1001 Chestnut Street.

McCAMBRIDGE & CO.

Limited

Manufacturers of

HOUSE AND SHIP PLUMBING SUPPLIES AND SPECIALTIES

Works, Office and Salesroom

523, 525, and 527 Cherry Street

Philadelphia, Pa.

BALL BEARING HINGES

IN

WROUGHT IRON

AND

STEEL

THE STANLEY WORKS

NEW BRITAIN
CONN.

79 CHAMBERS ST.
NEW YORK

Bellevue-Stratford Hotel

Philadelphia, 1904

Insulated by

JOHN R. LIVEZEY

1936 Sansom Street

Branch

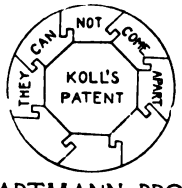
612 E St., Washington, D.C.

PIPE COVERING
COLD STORAGE
INSULATION

"NONPAREIL CORK"
and
ASBESTOS MATERIALS

KOLL'S PATENT "LOCK JOINT"
Staved and Turned Columns
"ARCHITECTURALLY AND MECHANICALLY PERFECT"

Manufactured Exclusively by



HARTMANN BROS. MFG. CO.

MT. VERNON, N. Y.

N. Y. Office, 1123 Broadway

Western Factory
HENRY SANDERS CO.
77-85 Weed St., Chicago, Ill.

Send for Catalog, showing full line of Columns, Pilasters and Composition Caps, manufactured by us.

FRANK E. WALLACE

CARPENTER
BUILDER &
CONTRACTOR

DELONG BUILDING

S. E. Cor. 13th and Chestnut Sts.

PHILADELPHIA

Both Phones Room 70

IT IS USELESS

To endeavor to secure pure white or pure tints with pigments that are not white to start with, and begin to deteriorate in color as soon as applied.

OXIDE OF ZINC

Is the only white pigment known to the paint industry, and it remains white under all conditions. It makes pure, brilliant, lasting tints, and most economical and durable paint.

FREE

OUR PRACTICAL PAMPHLETS

"The Paint Question," "Paints in Architecture," "Specifications for Architects,"
"French Government Decrees," "Paint: Why, How and When."

THE NEW JERSEY ZINC COMPANY

71 Broadway, NEW YORK

We do not grind zinc in oil

Lists of manufacturers of oxide of zinc paints will be furnished on request

TRADE MARK

USE THE BEST

JOHN T. LEWIS & BROS.

PURE WHITE LEAD
PURE RED LEAD
PURE LINSEED OIL
PURE COLORS

GIVE THE BEST AND MOST LASTING RESULTS

SAMPLE CARDS AND SCHEMES OF COLORING
SENT TO ANY ADDRESS ON APPLICATION

JOHN T. LEWIS & BROS. CO.

231 S. FRONT STREET, PHILADELPHIA

READING HARDWARE CO.

MAKERS OF

Artistic Hardware

"VASSAR" CYLINDER LOCKS

The OGDEN DOOR CHECK

WE ALSO MANUFACTURE A COMPLETE LINE OF

Gas, Electric and Combination Fixtures

Factories and Main Office
READING, PA.

617 Market Street, Philadelphia

OTIS ELEVATOR COMPANY

"The Standard of the World"

Offices in all large cities

Morse Williams and Company

Freight Elevators

Branches in

NEW YORK BOSTON
PITTSBURG BALTIMORE
ATLANTA

West End Trust Building, Philadelphia

Alfred C. Watson John Robinson

WATSON & ROBINSON

49 to 63 Queen Street
Germantown
Philadelphia

WOOD WORKING MILL

Stair Building
Mantels
Fine Cabinet and Interior Woodwork
Of every Description

Window and Door Frames
Sash, Shutters, Blinds
Wood Mouldings

Being fitted up with the latest improved machinery, dry kiln, etc., we are prepared to furnish the best quality of work on the most reasonable terms.
Estimates furnished.

Telephone Connections

A. WHITEHEAD

CARPENTER, BUILDER and CONTRACTOR

No. 1624 Latimer Street

South of Locust
West of 16th

PHILADELPHIA, PA.

Wood Painting

AND

Metal Painting

Are entirely different problems. Paints which perfectly protect wood are useless on structural steel. There the paint must not only exclude moisture, but must to the greatest extent contract and expand without cracking or letting go, and must last indefinitely, because inaccessible for repairing.

ASSYRIAN METAL PROTECTIVE PAINT

Fully meets all these conditions. It is a logical paint made in a logical way from logical materials, and has never failed. Detailed information on request.

WM. WATERALL & CO.

Paint and Varnish Makers — Established 1859 — PHILADELPHIA

JOHN BARBER

Cabinet Maker
Interior Wood Work
Furniture

203-205 Chancellor Street
PHILADELPHIA, PA.

Fine Architectural
Interiors a specialty

Estimates Furnished

Telephone 37-12 D

O'NEILL ELEVATOR COMPANY

(INCORPORATED)

Manufacturers,
Erectors and Repairers of
Elevators and Dumb Waiters,
will gladly estimate on your work in this line, and does the work according to the most approved methods at moderate cost.

We make a specialty of safe, easy-running and inexpensive elevators and dumb waiters for institutions, factories, stores, stables, private houses, etc

ARCHITECTS SPECIFY AND BUILDERS INSTALL THEM IN THEIR OPERATIONS AND IT PAYS

General Office and Works
628 CHERRY STREET
Warerooms
607 CHERRY STREET
PHILADELPHIA
BELL PHONE KEYSTONE PHONE

MR. ARCHITECT

Observe what a brother architect, Mr. John Laird, of Aiken, S. C., says as to Lucas Paint.

"It gives me pleasure to make some definite statement in regard to LUCAS TINTED GLOSS PAINT. I have used and specified this paint for 13 years, with EXCELLENT SATISFACTION TO MYSELF, MY WORKMEN and MY PATRONS.

QUALITY is at the bottom of the whole matter.

In 1893 I used Lucas Tinted Gloss Paint on an Aiken house; in 1897 after a fire which destroyed the roof and also slightly damaged some of the walls, I gave them one more coat. In 1905 the house looks well and is good for several years more.

I consider LUCAS a synonym for QUALITY."

It would pay YOU to specify that which will give your clients PLEASING RESULTS, ACCURATE COLOR EFFECTS and the GREATEST DURABILITY.

JOHN LUCAS & CO.

PHILADELPHIA

New York **Chicago**

RICHARD C. BALLINGER ERNEST R. YARNALL

R. C. Ballinger
& Company

CARPENTERS
BUILDERS
CONTRACTORS

OFFICE
218 North 13th St.

SHOP
Reno above 13th St.

TELEPHONE No. 3-26-15

Members Master Builders' Exchange
Philadelphia

1851 Saml. W Leinau M. Leinau 1881 to 1901
Roberts Leinau 1901

ROBERTS LEINAU

Plumbing and Gas Fitting

Steam and Hot Water Heating

No. 111 South Seventh Street

Branch Shop, 20th and Tioga

Telephone 1944 PHILADELPHIA

Edwin R. Keller, M. E. Clayton W. Pike B. S.

Keller, Pike & Co.

Mechanical and
Electrical
Engineers and Contractors

LIGHTING and
POWER PLANTS
TELEPHONE
EXCHANGES
INTERIOR WIRING
POLE AND LINE CONSTRUCTION, Etc.

1213 Race Street
PHILADELPHIA

J. F. BUCHANAN & CO.

ELECTRICAL
CONTRACTORS

Isolated Plants, High
Class Wiring

CONTRACTORS FOR

Museum of Science and Art, Jefferson Hospital, Real Estate Building, First Baptist Church, Jacob Reed's Sons.

Garden Hotel, Atlantic City; Monticello, Norfolk, Va; New Court House, Baltimore; Criminal Court, New York,

and 100 Factories, Stores and Residences

36 N. Fourth Street
PHILADELPHIA

CONKLING-ARMSTRONG TERRA COTTA CO.

MANUFACTURERS OF

ARCHITECTURAL TERRA COTTA

PLAIN—ENAMELED—IN COLORS

WORKS
Philadelphia
Telephone Connection

OFFICES
Builders' Exchange, Phila.
1135 Broadway, New York

There is no Roof like A Good Tin Roof!

It is light, fireproof, and, if taken the same care of as other parts, should last as long as the building itself; certainly for very many years.

If you will use

"Follansbee Banfield Process"

our written guarantee is given that it will surely wear not less than 15 years. Each sheet is plainly stamped so it can be indentified any time—any place.

Follansbee Brothers Company Pittsburgh

The

Tin Plate Makers

our

"Scott's

Extra

Coated"

Roofing Tin has been selling the country over more than 20 YEARS!

INTERIOR DECORATORS AND WOOD WORKERS

ARTISTIC DECORATIONS
PAPER HANGINGS
PLAIN PAINTING
DRAPERIES & FABRICS

FINE WOOD WORK AND FURNITURE
ORNAMENTAL PLASTER
LEADED GLASS ETC.

FACTORY 909-911 HAMILTON ST.

PHILADELPHIA, PA.

R. C. Spencer, Jr., Architect
Chicago

Cabot's Shingle Stains

The Original Shingle Stains and the standard for over twenty years.

Cabot's Sheathing and Deafening "Quilt"

A scientific and perfect heat insulator and sound deadener.

Cabot's Brick Preservative

A complete and permanent waterproofing for brickwork and sandstone.

SAMUEL CABOT, Sole Manufacturer, BOSTON, MASS.

SAMUEL H. FRENCH & CO., Agents, PHILADELPHIA

AMERICAN ART MARBLE CO.

609, 611, 613 NORTH AMERICAN ST., PHILADELPHIA, PA.

ARNOLD H. MOSES, Architect FINLEY ACKER'S STORE, PHILADELPHIA, PA.
The Finest Store of its kind in the World.
Your attention is called to the above cut as a fair example of the class of work we are doing all over the United States

MANUFACTURERS OF

DECORATIVE MARBLES

IMPORTED and Domestic Marble reproduced in any color: Onyx, Sienna, Red Numedian, Pink Numedian, Conomara Green, Alps Green, Black and Gold, Irish Green, Pavernazza, Verd Antique. Our artificial marbles should not be confused with any cheap imitation, as they are thoroughly substantial and true to the original marble in coloring and every detail of graining, and will, in many cases, out-last the natural product. Below will be found a few of the churches, Hotels, stores, and other important buildings in which we have placed our marble, and where it is giving unqualified satisfacton.

ST. JOACHIM'S R. C. CHURCH, Philadelphia; HOTEL CHALFONTE, Atlantic City; BAILEY, BANKS & BIDDLE, Philadelphia; PEABODY LIBRARY, Athens, Ga.; FULTON OPERA HOUSE, Lancaster, Pa., BANK OF PITTSBURGH, Pittsburgh; WEST CHESTER LIBRARY, West Chester, Pa.; LULU TEMPLE, Philadelphia; Y. M. C. A. BUILDING, Buffalo; ST. BONAVENTURA'S R. C. CHURCH, Philadelphia.

THE SUPERIORITY OF OUR ARTIFICIAL MARBLE HAS BEEN RECOGNIZED BY BEING AWARDED TWO GOLD MEDALS, LOUISIANA PURCHASE EXPOSITION, ST. LOUIS, 1904

AN INVITATION

THE Haines, Jones & Cadbury Co. take pleasure in placing their showrooms at the disposal of architects who desire to bring or send their clients to inspect the newest ideas in plumbing equipment.

The various styles of fixtures are displayed side by side, for comparison. Elaborately fitted bathrooms, in which even the details of wall decoration are carried out, show complete fixtures set up, in actual operation.

When selections are made *in person* by the client, the architect avoids the embarrassment of possible dissatisfaction after the work has been done.

The Haines, Jones & Cadbury Co. will be pleased to send their latest catalog on request.

HAINES, JONES & CADBURY CO.

MAKERS OF PLUMBING SUPPLIES

1130-1144 RIDGE AVENUE PHILADELPHIA

BRANCHES - SAVANNAH AND SAN FRANCISCO

DATE DUE

MAR

DEMCO 38-297

PARTIAL VIEW OF THE INTERIOR OF THE SHOW ROOMS OF THE HAINES, JONES & CADBURY CO.
1136 RIDGE AVENUE, PHILADELPHIA

3 2044 029 583 929

NA
9
T-1
1905-06

T Square Club, Philadelphia.

Catalogue.

36151

The Babcock & Wilcox Co.

85 Liberty St., New York, N. Y.

Water Tube Boilers & Steam Superheaters

BRANCH OFFICE

North American Building

PHILADELPHIA, PA.

Our text-book "Steam" mailed gratis on request